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The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER



Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3162
VOL. CXXXIII

SEPTEMBER 14, 1940

Annual Subscription (with
Diary) 25/- Single Copies 9d

A DUTY TO THE NATION !



In these difficult times, pharmacists will be more than ever anxious to encourage the use of products of British manufacture.

With this in view, a wide range of British preparations, the high standard and reliability of which have been amply demonstrated, are presented for the attention of the pharmaceutical profession by

MAY & BAKER

*** DAGENAN — M & B 693 ***

For pneumococcal, gonococcal and meningococcal infections.

*** SOLUSEPTASINE**

For parenteral administration in streptococcal infections.

*** MYOCRISIN**

For the gold therapy of rheumatoid arthritis.

*** GARDENAL**

For epilepsy.

*** RUTONAL**

For epilepsy.

*** SONERYL**

For insomnia.

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For insomnia associated with pain.

*** S.V.C.**

For trichomonal vaginitis.

*** CYCLONAL SODIUM**

For intravenous anaesthesia.

* Trade Mark

PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD. DAGENHAM

Index to Advertisers, pp. 5 & 6.



They're looking for it in *YOUR SHOP!*



A TAMPAX display sends PROFITS soaring!



The more you *display* Tampax the more you sell. Once women know they can get it in your shop you've got an assured regular demand. (Many Tampax customers have evacuated from their home towns and are settling *into new areas. That's a *special* opportunity for the Tampax dealer). Tampax — compact and handy with an attractive pack and a lightning turnover—is the ideal show line: doesn't want much house room: doesn't gather dust on your shelves: makes a good show in your window and on your counter: gives you a useful profit on every sale.

TRADE TERMS

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★ PACKETS OF 10	Wholesale 13/6 DOZ.	Retail 1/6 PACKET
★ PACKETS OF 6	Wholesale 9/- DOZ.	Retail 1/- PACKET
★ PACKETS OF 3	Wholesale 4/6 DOZ.	Retail 6d. PACKET

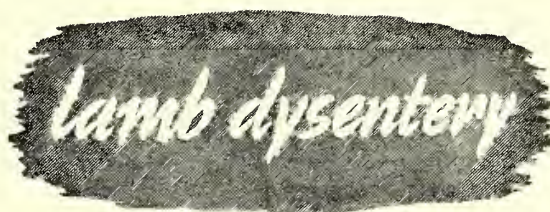
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SOLE DISTRIBUTORS: **SPLENDOR LTD.** · 5 BEASTMARKET HILL · NOTTINGHAM

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★ EVANS VETERINARY PRODUCTS ★ EVANS VETERINARY PRODUCTS ★

Prevention of



by inoculation of Ewes



**WHOLE CULTURE VACCINE (EVANS) SUPPLIES A
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Every lamb conserved to the country next spring will be a national asset and this realisation is giving an immense stimulus to preventive measures directed against Lamb Dysentery. These measures begin *now* with the inoculation of the ewes with Evans Lamb Dysentery Whole Culture Vaccine. By this method antibodies produced in the tissues of the ewe are passed on to the lamb by the milk and colostrum and provide a strong line of defence against disease. A further injection is given 7-10 days before lambing and where special care is necessary the lambs themselves are inoculated after

birth with Evans Lamb Dysentery Serum. The whole treatment provides a line of special seasonal importance for every chemist in a rural area, and one which is now being widely advertised to the farming community: immediate orders will be given immediate attention.

LAMB DYSENTERY WHOLE CULTURE VACCINE

(Evans) is retailed in containers of 50 cc. at 7/- or 250 cc. at 20/- each. The process of inoculation is simple, 5 cc. being administered under the skin of neck or flank.

VETERINARY EVANS PRODUCTS

EVANS SONS LESCHER & WEBB LTD., LIVERPOOL AND LONDON

MACLEAN

Brand

Stomach Powder

MACLEANS LIMITED desire to draw the attention of retailers to the following undertaking given by a market trader.

To MACLEANS LTD.

"Dear Sirs,

"I regret that in response to orders for 'Macleans Stomach Powder' made by purchasers at my stall in Kirkgate Market Hall, Bradford, stomach powder not of your merchandise has been supplied, and I HEREBY UNDERTAKE that I will not again sell or supply alkaline powders not being your powder in response to orders given by reference to the description 'Maclean Stomach Powder' or 'Macleans Stomach Powder' or any other similar description in which the name 'Maclean' or 'Macleans' is used in a manner capable of indicating the commercial origin of the goods, without clearly indicating that the goods are not your goods; and I ALSO UNDERTAKE not to offer for sale or sell or supply alkaline powders not being your powder under or in connection with any description which by reason of its consisting of or comprising the name 'Maclean' or 'Macleans' is calculated to lead to the belief that the said powder is your powder, without clearly indicating that such powder is not your powder. -----"

Yours faithfully,

Signed: JAMES MENCHER,

11 Newton Park View,

Harehill Avenue, Leeds, 7.

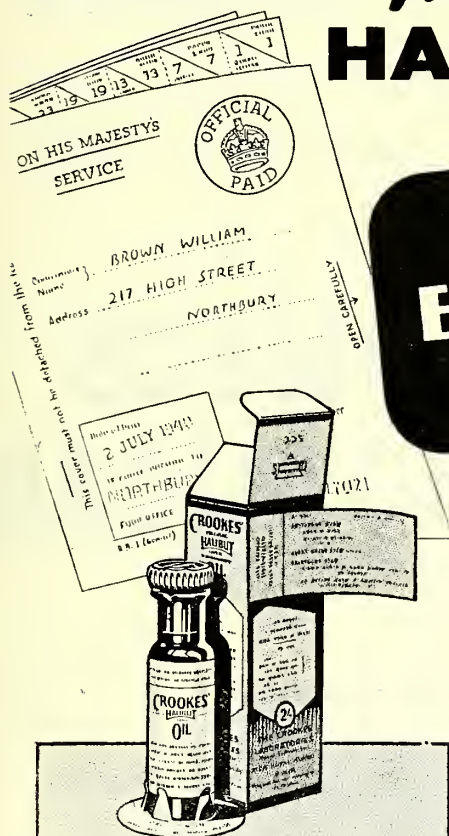
8th August, 1940.

Whenever Macleans Ltd. receive information of any trader:

- (a) Adopting misleading packings and wordings, or
- (b) Supplying, without first ascertaining the purchaser's real requirements, something other than Maclean Brand Stomach Powder, when Maclean or Macleans Stomach Powder is asked for, appropriate action will be taken.

MACLEANS LTD. · GREAT WEST RD. · BRENTFORD, MIDDXX.

STOCK UP *Now* FOR THE HALIBUT OIL SEASON



**RATIONING WILL CREATE
EVEN BIGGER DEMAND
THIS WINTER**

THE rationing of margarine as well as butter — with its consequent restriction of essential vitamins — will make this winter a bigger Halibut Oil Season than ever. There is an urgent need for new, unrestricted sources of the essential Vitamins, and more people than ever are turning to Crookes' Halibut Oil, one of the richest sources of the natural Vitamins A and D. Crookes' Halibut Oil is 80 times richer in Vitamin A and 30 times richer in Vitamin D than fine cod liver oil. Tell your customers about it — modern housewives understand Vitamins and their importance in maintaining family health.

LARGE NATIONAL ADVERTISING CAMPAIGN WILL BUILD SALES FOR YOU

We are launching a big national advertising campaign emphasising the need for vitamins to counterbalance the effects of rationing. Our advertising this season will show how the vitamins in Crookes' Halibut Oil take the place of the vitamins in rationed butter and margarine. The demand this winter should build big sales for you — study our bonus terms and let us have your order now.

CROOKES' BONUS TERMS *Offered in return for displays*

ORDER	DISCOUNT	BONUS
6 doz.	25% and 10%	2 per doz.
3 doz.	25% and 10%	1 per doz.
1 doz.	ORDINARY	1 per doz.

EXTRA 2½% BONUS

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An extra bonus of 2½% — payable in National Savings Certificates — is now available to chemists who are supporters of the Chemists Friends Movement and who hold or will buy at least one Certificate. Write to us for details.

Crookes' Halibut Oil

GUARANTEED AND STANDARDISED VITAMIN CONTENT

THE CROOKES LABORATORIES (British Colloids Ltd.) PARK ROYAL, LONDON, N.W.10
Telephone: Willesden 6313 (5 lines) Telegrams: Collosols, Harles, London

T.G.S.



*Soothes nerves &
promotes deep
refreshing sleep*

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**NEEDS
NO SUGAR**



Cadbury's

BOURN-VITA
THE IDEAL FOOD-DRINK

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SYR. FICORUM CO.

Delicate, agreeable flavour

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BANANA FLAVOUR

The same syrup with a pleasant
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● Samples and prices
will be sent on
request.

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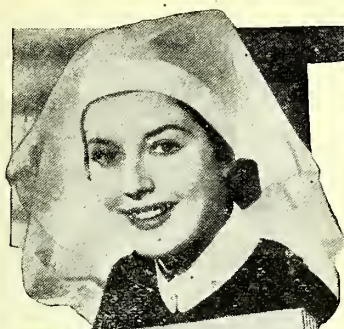


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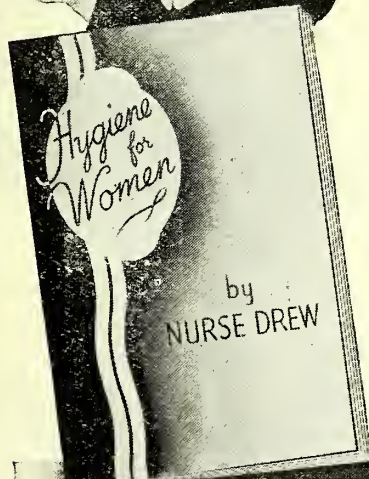


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**LET NURSE DREW SELL
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RENDELLS Products for feminine hygiene are of intimate importance to all women and Nurse Drew, in her Booklet "Hygiene for Women", describes these fully, and shows their necessity in everyday life. This booklet is now packed with every Rendells Product, and will thus prove the means of creating new business.

A supply of these booklets for free counter distribution, together with the latest Chemists' Display Material can be obtained free on request.

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RENDELLS PRODUCTS

FOR FEMININE HYGIENE

KEEP THIS BOOKLET ON YOUR COUNTER

The WARTIME DEMAND for **SLOANS** WILL BE AS GREAT AS EVER!

**EXTENSIVE PRESS AND
POSTER ADVERTISING
THROUGHOUT THE WINTER**

- ★ In 400 National and Provincial Daily and Weekly newspapers and magazines.
- ★ In 1850 L.P.T.B. Underground Railway Coaches.

Experience last winter has proved that the sales for Sloans were everywhere maintained. For years Sloans has been the foremost liniment on the market for the relief of Rheumatism and all Muscular Aches and Pains. So order your winter requirements now in anticipation of the demand. A forceful 7-colour Showcard for Window use is available; exhibit this and link up with the heavy advertising.

TRADE TERMS

(For Registered Chemists)

Sloans Brand Liniment	List Price 1 Dozen	6 Dozen]	12 Dozen
1/9 Size (unstamped)	15/9	(dozen) 15/-	(dozen) 14/6

Carriage Paid on 6 Dozen and over

ORDERS PLACED DURING SEPTEMBER INVOICED OCTOBER

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for

Coughs, Colds, Bronchitis, etc.

Both Remedies

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★ CATARRH & BRONCHIAL SYRUP

A wonderful specific

4-oz. bottles cartoned

9/3 DOZEN

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6-doz. @ 8/9

★ EPHEDRINE NASAL OIL

Complete with dropper

Per dozen

$\frac{1}{2}$ -oz.
8/6

1-oz.
12/6



Both lines available packed as C.O.B.
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Manufacturing Chemists

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Yeast-Pac PRODUCTS WILL BE STEADY SELLERS

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YEAST-PAC FOUNDATION CREAM

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SEVENSEAS COD LIVER OIL

The deep-sea fishing fleets have now been absorbed by the Royal Navy to such an extent that cod liver oil production has practically ceased.


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The pharmaceutical profession will be glad, therefore, to hear that we have taken

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We recommend you to place your order for your full season's requirements now. By doing so you will ease war-time problems of packaging, labour and transport and make sure of your supplies

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BRITISH MADE

Wanie Blades

8/- PER GROSS

make your face smile!

THREE HOLE TYPE **8/- per gross** SINGLE EDGE TYPE **9/- per 100**

Obtainable through your usual Wholesalers

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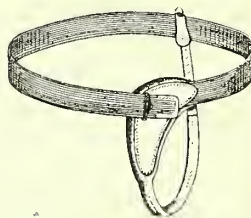
Ayrton, Saunders & Co., Ltd.

THE TOWN TALK POLISH CO., MANCHESTER, 10

(2)

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WHOLESALEParticulars of the Truss
illustrated here or of
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Hewards will be gladly
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ESTABLISHED 1882

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SUSPENSORY BANDAGES
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30-sec. Lens, stubby bulb, 13/6 doz.

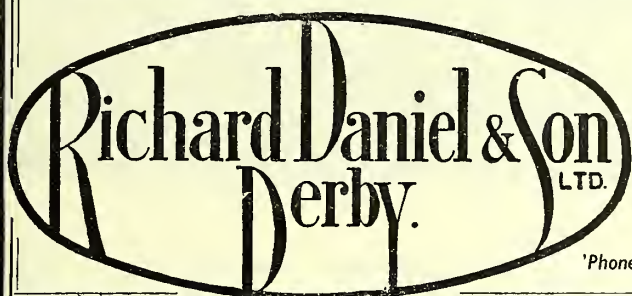
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The Best and Safest Infants' Medicine of
140 years' standing.

—o-o-o-o—

Does not contain any Scheduled Poison.

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13 WESLEY ST., C. on M., MANCHESTER

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THE MILLION**

AND THE GROWTH OF OUR BUSINESS
PROVES THAT WE PRINT THEM WELL

FOR THE MANUFACTURING CHEMIST
AND WHOLESALE DISTRIBUTIVE HOUSE

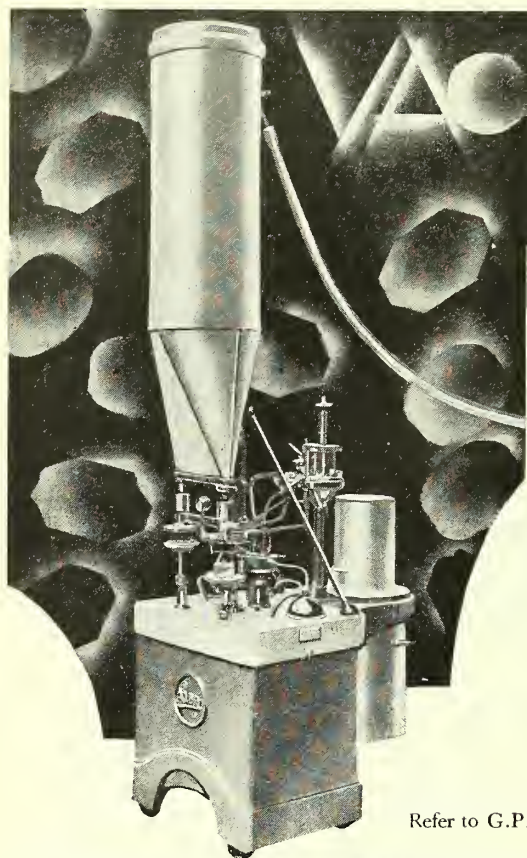
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Refer to G.P. 64



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EMULSIFIER
for rapid and
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PER HOUR OR
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IF YOU WISH

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There is a size to suit your business; and you can have it alone or combined with mixers and spraying apparatus or in other combinations.

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GARDNER PATENT 'QUICK-CHANGE' FINE POWDER DRESSER

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**A FEW TONS OF
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CALAMUS ROOT FRESH**

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Registered Trade Mark

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**60/64 ARTILLERY LANE
BISHOPSGATE, E.1**

also

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SECURE AN AGENCY, ENGAGE AN
ASSISTANT, PROCURE A SITUATION,
OR DISPOSE OF SURPLUS STOCKS**

You can do it quickly and satisfactorily by an advertisement in

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THE MARKET-PLACE OF THE DRUG TRADE

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Situations Wanted. 2/6 for 18 words or less, 1d. for every additional word.

Box Office Number 1/- Extra

Advertisements for this Supplement can be accepted up to **First Post Thursday Morning** of week of issue. Advertisements received later will be inserted the following week.

ALL ADVERTISEMENTS MUST BE PREPAID

Send your instructions and 'copy' to—

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THE CHEMIST & DRUGGIST
28 Essex Street, Strand, London, W.C.2

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Central 6565
(10 lines)

Telegrams :
"Chemicus," Estrand,
London

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Neutralizes..

LOUD NOISES and BLAST

6^d PER PAIR

HYGIENIC • COMFORTABLE • AND MOST EFFECTIVE



This product has been constructed to have all the BEST points an Ear Plug should have SCIENTIFICALLY and MATERIALLY. It is the type of device recommended to the Public by Lord Horder, President of the Noise Abatement League.

THE RIGHT LINE WITH A BIG DEMAND AT THE RIGHT PRICE

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Sugar Economy in Dispensing

The Therapeutic Requirements Subcommittee of the Medical Research Council recommends the use of equivalent compressed products in place of certain syrups (*Lancet*, April 6, 1940, page 660).



TRADE MARK **'TABLOID' BRAND** **CHEMICAL FOOD** dr. 1/2 and dr. 1 (sugar-coated)

Equivalent to corresponding doses of official Compound Syrup of Iron Phosphate. Commonly known as Parrish's Syrup.

TRADE MARK **'TABLOID' BRAND** **EASTON SYRUP** dr. 1/2, dr. 1, 2 c.c. and 4 c.c. (sugar-coated)

Equivalent to corresponding doses of Easton Syrup, B.P.

TRADE MARK **'TABLOID' BRAND** **HYPOPHOSPHITES COMPOUND** gr. 1-1/2 and gr. 3 (plain or sugar-coated)

Equivalent to dr. 1/2 and dr. 1 respectively of Compound Syrup of Hypophosphites, B. W. & Co.

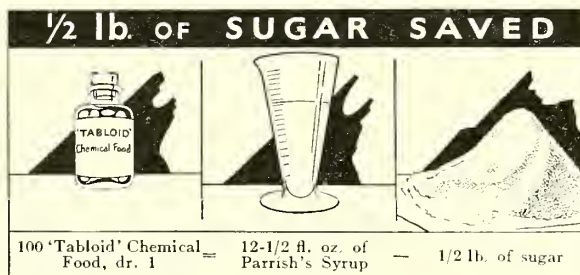
TRADE MARK **'TABLOID' BRAND** **GLYCEROPHOSPHATES COMPOUND** dr. 1/2 and 2 c.c. (sugar-coated) Equivalent to dr. 1/2 and 2 c.c. respectively of Syrup of Glycerophosphates.

TRADE MARK **'TABLOID' BRAND** **THREE SYRUPS** dr. 1 (sugar-coated)

Represents Easton and Parrish's Syrups with Compound Syrup of Hypophosphites.

Each in bottles of 25 and 100 products

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The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

Emergency Address: THE PITMAN PRESS, LOWER BRISTOL ROAD, BATH Telephone: Bath 5491-92

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NEWS OF THE WEEK

Air Raid Warnings.—Siren warnings will in future be the "alert" watchers on the roofs of factories will give the signal when workers take cover. The R.A.F. has undertaken to provide training for "spotters."

Limitation of Supplies.—The Purchase Tax is not to be included in computation of the value of controlled goods supplied during the standard period (June 1 to November 30, 1939) or the war period (June 6 to November 30, 1940).

Pharmacy Act Case.—John Irving Corless, aged eighty-three, of the Street, Liverpool, was fined £5 at Liverpool recently for selling a preparation containing a scheduled poison (red oxide of mercury) in a container not labelled with the prescribed particulars as to the poison which the poisonous contents bore to the total ingredients. The defendant said he did not now intend to continue in the business.

Import Licences for Tartaric Acid, etc.—Notice to Importers No. 92, issued by the Import Licensing Department of the Board of Trade, states that licences to import tartaric acid, cream of tartar and citric acid will in future be issued by the Department on the advice of the Ministry of Food; applications should accordingly be completed in future and addressed to the Ministry of Food, Room 17, Metropole Hotel, Colwyn Bay, North Wales.

Allocation of Cocoa Supplies.—To ensure even distribution of available supplies of West African raw cocoa, the Ministry of Food is instituting in October a monthly scheme of allocation to manufacturers. The scheme is intended to ensure that, if arrivals from the Gold Coast become unavoidably delayed, all manufacturers will receive a fair share of the available supplies. The existing system of distribution and retail sale of manufactured cocoa products is affected.

Control of Molasses.—The Minister of Supply has issued the Control of Molasses and Industrial Alcohol (No. 10) Order which comes into effect on October 1. The new Order extends the provisions of the No. 8 Order of 1939 to formaldehyde. In consequence a licence will be required by anyone wishing to buy, sell, treat, use or consume more than forty pounds of formaldehyde in any one calendar month. Any inquiries should be addressed to the Molasses and Industrial Alcohol Control, Home Office, Burgh, Epsom.

Isle of Man Traders in Difficulties.—Chemists in the Isle of Man, and chemists in many Eastern and Southern counties of England, are experiencing extreme difficulties on account of war. In peace-time the island has been full of visitors at the present time, and chemists have been having a busy season, especially in the photographic development. Instead, visitors are few. Chemists are among traders who have not a 6 o'clock closing order (Fridays and Saturdays, 7 p.m.), but this makes little difference to turnover and chemists' organisations are in every seaside town are planning relief campaigns.

Turpentine and Pine Oil Imports.—The Board of Trade announce to Importers No. 94 that the open general licence authorising the importation of turpentine and pine oil has been revoked with effect from September 9. Individual licences will now be required for the importation of these commodities, except in the case of goods proved to be of satisfaction of H.M. Customs and Excise to have been dispatched from the country before September 9, 1940, and which are imported into the United Kingdom before November 9, 1940. Applications for licences to import turpentine or pine oil should be addressed, together with a statement of the importer's past trade in the goods in question, to the Import Licensing Department, 25 Southampton Buildings, Chancery Lane, London, W.C.2. Forms on which the statement of trade should be given will be provided on application to the Import Licensing Department; forms of application for licences are obtainable from the Department or from the offices of H.M. Customs and Excise.

Inquest.—A verdict of "misadventure" was returned at an inquest at Bridgnorth, on September 2, on Mrs. Ada Mary Bradley, Milborough, near Ludlow, who, following an epileptic fit, drank a quantity of sheep dip in mistake for tea or water.

Meetings Cancelled.—Birkenhead and Wirral Pharmacists' Association has cancelled arrangements for meetings for the coming winter session, owing to war conditions. The decision was made at a meeting of the committee on August 30.

Warning Against Glass Splinters.—The Minister of Food (Lord Woolton) on September 10 urged shopkeepers to safeguard their stocks against glass splinters. Much food had been lost, he said, through splinters piercing cans of food. Retailers should stock up in view of transport delays.

IRELAND

Business Change.—Mr. J. Perry, M.P.S.I., has acquired the business at The Iona Pharmacy, 19 Prospect Road, Glasnevin, formerly conducted by Mrs. M. E. Somers, M.P.S.I.

Golf.—Pharmacist golfers from Dublin, Bray, Arklow, Birr, Naas, Sligo, and other centres turned out for the outing of the Irish Chemists' Golfing Society, held at the Hermitage Golf Links, co. Dublin, on September 1. In the forenoon a stroke competition was played off for two handsome trophies presented by St. Dalmas (Ireland), Ltd. (cut-glass table lamp and electric mantelpiece clock), and for a cup presented by Mr. V. E. Hanna. The winner of the first prize was Mr. J. J. Stafford (Kodak, Ltd.), the second prize going to Mr. J. Driffin, Dublin, and the cup to Mr. T. P. Walsh, Birr. The afternoon was devoted to a bogey competition, the first prize for which was a silver teapot on stand, and the second a cut-glass salad bowl, both presented by May, Roberts (Ireland), Ltd. A cup presented by Horlicks, Ltd., was also competed for. The first prize-winner was Mr. P. Fahy, Dublin, two up (handicap 18). Mr. F. Whelan, Dublin, all-square, secured the second prize (handicap 12). The Horlicks cup was won by Mr. John Lynch (two down), playing off a handicap of ten. Later at the club house the Society's captain (Mr. Brendan Smith) called on Mr. A. D. Davidson to present the May, Roberts prizes, and Mr. A. W. Hughes to present the St. Dalmas trophies. The captain explained that the Society did not enter for the Dublin Inter-Societies' competitions because it would not be possible to field a strong team during the week; he hoped there would be a good attendance at the final outing, to be held at Newlands Golf Club on Sunday, September 29. On the motion of Mr. M. Costello, Dublin, seconded by Mr. J. Gorry, Naas, a vote of thanks was passed to the donors of the prizes. Mr. J. J. Stafford proposed, and Mr. J. J. Roche seconded, a vote of thanks to the Hermitage Golf Club for use of their links, and for the catering arrangements.

SCOTLAND

Enlistment.—Mr. Stark (East Scotland representative for John Knight, Ltd.) has joined the Royal Air Force.

Edinburgh Holiday.—Autumn Holiday in Edinburgh will be observed on September 16, when wholesale premises will be closed for the day.

Edinburgh Chemists' Golf.—The results of a competition played at Duddingston recently were as follows:—1, E. Randall (11), 77; 2, J. Finlay (scratch), 78; 3, R. L. Munnoch (22), 79.

Chemical Works' Wages Increase.—Over a thousand chemical workers in Aberdeen and East Scotland will obtain an increase of 3s. per week in wages following an agreement concluded between the National Union of General and Municipal Workers and representatives of the firms concerned.

CHEMICAL COUNCIL

WORKING details of a scheme of co-operation between the three chartered chemical bodies (Chemical Society, Institute of Chemistry and Society of Chemical Industry) as modified by the Chemical Council, have recently been issued. A draft agreement provides that, in the event of the collective contributions of the Chemical Society and Society of Chemical Industry being insufficient to defray the expenses of running the Bureau of Chemical and Physiological Abstracts carried on jointly by the Societies, the Council will contribute to the expenses, but any deficit remaining after such contribution is made will be borne by the two Societies. The Bureau may, with the consent of the Chemical Council, be reconstituted as a body having a separate legal entity, but any such reconstitution shall not in any way relieve the Societies from any liability to maintain the Bureau pursuant to the terms of the agreement. The Chemical Society will retain its annual membership subscription at sixty units (at present fixed at one shilling) for Fellows having full privileges, but will limit the supply of "Abstracts" which a Fellow can (without extra charge) obtain in addition to the "Journal" to any two sections of a list specified in a Schedule. The Society of Chemical Industry will increase its annual membership subscription from fifty to sixty units, with power (on consent of the Chemical Council) to reduce the membership fee for special groups or sections. The Societies will be responsible as at present for the joint management of the Bureau, which will arrange for publication and sale of "Abstracts" and for securing revenue from advertisements and other sources. Fellows and Associates of the Institute of Chemistry will be urged to become joint members of all three bodies by payment of an annual joint membership subscription of 105 units in the case of Fellows and 100 units in the case of Associates. This joint subscription will cover all the privileges of the Fellowship or Associateship of the Institute and of membership of the Societies except that the total amount of publications obtainable without extra charge shall not exceed seventy units in scheduled value; publications up to this value may be chosen from among all those in the schedule, but Fellows and Associates will not be required to pay for lectures published by the Institute; additional publications may be purchased at scheduled prices. The Institute will collect such joint membership subscriptions and, after deducting £2 2s. in the case of an F.I.C. and £1 11s. 6d. in the case of an A.I.C., will remit the balance in equal proportions to the Societies. Members of the C.S. or the S.C.I. who are not Fellows or Associates of the Institute will be accepted as joint members of the two Societies on payment of an annual joint membership subscription of 100 units. This joint membership subscription will cover all privileges of membership of the Societies except that the total amount of publications obtainable without extra charge shall not exceed 100 units in the scheduled value; unrestricted choice of scheduled publications and conditions for purchase of additional publications will be allowed to such members in a manner similar to that prescribed for Fellows and Associates of the Institute. Any of the bodies may, with the approval of the Chemical Council, enter into agreements with other Societies or Institutions for the establishment of joint membership subscriptions. The Bureau may, with the approval of the Chemical Council, make arrangements with other Societies or Institutions for supplying "Abstracts" on special terms.

TOPICAL REFLECTIONS

Local and National Effort.—Last week's news of what is being done to mitigate the results of enemy action affecting the conduct of business (pp. 126, 127) is heartening, not only for pharmacists on whom an unforeseen blow of this kind may fall but also for all who have the welfare of pharmacy at heart. There is ample room for both local and national effort in grappling with present misfortune caused by events beyond the control of those most affected. I venture to emphasise the value of local action where any centre is compact enough for such action to be successfully undertaken. In the nature of things there are sparsely populated areas not easily brought within the scope of a scheme like that set up at Plymouth; and there are coastal areas in which business conditions are quite abnormal. But for cities and towns not in either of these classes the Plymouth system promises the most practical form of assistance so far devised. It has the material advantage of being worked by chemists who know the local conditions, with a committee just large enough to handle the exacting detail of supply without the formality attaching to relief on a wider scale. Its implications should be fully considered by everyone interested.

Considerate Shopping.—The paragraph stating that "it would be a great help to staffs and a saving in time to customers for people in a position to do so to shop early in the week" (p. 127) suggests the possibility of a concerted effort to persuade the public to shop at comparatively quiet times. Retailers had a similar problem during the last war, though I do not remember that much was "done about it." For some years past I have tried to impress on personal friends the desirability of shopping when business premises are not crowded with evening, week-end or market-day customers: I see no reason why

COMPANY NEWS

P.C. means Private Company and R.O. Registered Office

H. S. PUNCH, LTD. (P.C.).—Capital £1,000. Objects: To carry on business as manufacturers of and dealers in chemicals, drugs, William F. Grant, M.P.S., Mrs. Mary J. Swales, and John Swales, directors. R.O.: 53 Micklegate, Selby, Yorks.

F. W. F. ALLAN, LTD. (P.C.).—Capital £1,500. Objects: To carry on business as pharmaceutical and dispensing chemists, etc. Mary Bessie, Davida, and Jessie Allan, and Margaret R. F. Carmichael, M.P.S., directors. R.O.: 176 High Street, Elgin.

MANGAN'S MEDICAL HALL, LTD. (P.C.).—Registered in Dublin. Capital £1,500. Objects: To acquire the business of a chemist and druggist carried on by James M. Mangan, 15 Bridge Street, Tralee, Kerry, as "Mangan's Medical Hall." James Mangan, governing director.

Private Arrangement.—FRANK BRETTELLE, M.P.S., Trinity Street, and Augusta Street, Llandudno. At a recent meeting of creditors at Colwyn Bay a statement of affairs was submitted showing liabilities of £385 due to the trade, and cash claims of £135. The assets were estimated to realise £373, from which had to be deducted preferential claims of £141 10s., leaving net assets of £231 10s. Debtor commenced business at Rhos-on-Sea in 1923, built up a profitable business, and sold in 1928 for £1,400. He then commenced trading at Llandudno. He took a £759 in fitting up an empty lock-up shop, on which he took a four years' lease from January, 1929, at a rental of £160, rising to £170 annum. Subsequently the rent was reduced to £140. In the ending March 31, 1938, the turnover was £1,781 (net profit £184) the following year £1,802 (net profit £213); and in the twelve months to March 31, 1940, £1,739. The meeting considered that the business was saleable. Debtor had executed a deed of assignment to Mr. J. Williams, and the creditors decided to confirm the deed. A committee of inspection was also appointed.

Voluntary Liquidation.—CLIFFORD C. WOODROW, LTD., Ipswich, chemists. The statutory meeting of creditors was held on August 1, 1934, Mr. Clifford C. Woodrow presiding. The statement of affairs showed liabilities totalling £1,546, made up as follows: Trade creditors, £1,000; cash claims, £962 10s.; bankers, £107. After allowing £17 for preferential claims, the net assets were £699, or a deficiency, as regarded creditors, of £846. The principal assets were: Stock at Foxhall Road, £450; fixtures and fittings, £175. The company was registered in July, 1938, with a nominal capital of £500 (of which £3 was allotted for cash and £100 for a consideration other than cash to take over an existing business. Later a second business was acquired at Brunswick Road, Ipswich. During the year to February 1939 turnover was £1,224, and a gross profit of approximately 30 per cent was earned, but after allowing for all the expenses there was a net loss of £117. No detailed figures were available showing the result of the trading since February of last year, but it was understood there was a further loss. An offer had been received for the business. A resolution was passed confirming the voluntary liquidation of the company, with Mr. J. B. Sanderson (Nankevell & Sanderson, Market Street, Ipswich), as liquidator, and a committee of three creditors

traders themselves cannot openly suggest this course by means of advertisement. This would, obviously, need to be done without phrases savouring of dictation or of discrimination between different types of customer; but I believe that retail chemists (to say nothing of advertising experts) are equal to the occasion. Whatever form advertisements may take, a word to the wise on this topic may be worth while. The matter has an additional relevance in that hours of business are likely to be curtailed for some time to come.

The Drinking of Tea.—Mr. Kirkby's letter on "Cups that Clatter" (p. 134) takes the investigation of a well-worn phrase a little further and may induce some literary student to trace, if possible, its ultimate origin. A reader like the late Professor George Saintsbury, to whose knowledge of belles lettres it was difficult to assign any limits, might have located for us the first occurrence of the words. The two lines in which Thomas Short, M.D., a Sheffield practitioner, laid down elaborate rules for the drinking of tea—"A Dissertation upon Tea" (1730) and "Discourses on Tea . . ." (1750)—are still worth reading if only for their quaint cautions against excess in the use of the beverage. In the latter book, for instance, he wrote: "Such as use little Excess and live temperately, should not drink it above once a Day, either Breakfast, or Afternoon; the Intemperate may have it oftener."—Nor is it a Liquor fitted for the use of a very hot Season to be used too liberally, as it relaxes the Stomach and whole Intestines, and promotes the Discharge of the thinner Parts of the Blood, often sufficiently drained off by the Heat of the Weather. A moderate Use of Tea of a due Strength, seems better adapted to the Fair than Men. . . ."

NEWS IN PICTURES

(At left) **Irish Chemists' Golfing Society:** Some of the pharmacist golfers who played for the May-Roberts, St. Dalmas, and other prizes at the Hermitage Links, co. Dublin, on September 1. Holding a cup in the front row is Mr. Brendan Smith, M.P.S.I. (captain).

(Centre row) **A Bombay Drug-Trade Firm.**—Left, Mr. N. M. Dhupelia (principal) in his office. Right, General office of the firm, with Mr. Dhupelia's son seen at work in right-hand corner.



Drug Firm's Red Cross Detachment.—The headquarters detachment at Boots, Ltd., Nottingham, of the British Red Cross Society. It includes over a hundred girls from the Nottingham and Beeston offices of the company; all have done fifty hours' minimum hospital training and passed their first-aid and home-nursing examinations; eighty have taken a fourteen-weeks' anti-gas training and examination. A further sixty-five members are in training.

TRADE NOTES

GENATOSAN, LTD., Loughborough, have added uric acid, alloxan, and allantoin to their range of fine chemicals. Prices and other details may be obtained on application.

KOLYNOS DENTURE FIXATIVE.—Contrary to belief apparently widely held, the sale of this denture fixative is unaffected by the Limitation of Supplies (Miscellaneous) Order, 1940.

SACCHARIN TABLETS.—The Cooper Laboratory, Ltd., Watford, who specialise in the manufacture of tablets and pills to private formulas, are prepared to manufacture tablets from saccharin powder supplied by any of their customers.

THOMAS CHRISTY & Co., LTD., Swan Lane, London, E.C., hope that customers will bear with them during salvage operations. They are putting into force their emergency depôts, and expect to resume deliveries early next week.

H. R. NAPP, LTD., 3 and 4 Clements Inn, Kingsway, London, W.C.2, have presented their advertising space in this issue to the nation and it is being used for an instruction from the Ministry of Information to "the country people of Britain."

BURROUGHS WELLCOME & Co., Snow Hill Buildings, London, E.C.1, announce that as a war emergency measure designed to ensure adequate rest for their staff, their business premises will be closed on Saturdays excepting for the execution of emergency orders by a skeleton staff.

AUTUMN LIST OF SHOP FITTINGS.—Dudley & Co., Ltd., 451 Holloway Road, London, N.7, have just issued in the form of a broadsheet a price list of shop fittings, window tickets, showcards and stationery. A smaller handbill illustrates war-time bargains and special-value items of stationery. Copies may be obtained from Messrs. Dudley on request.

BRITISH-MADE EPILEPSY SEDATIVE.—Coates & Cooper, Ltd., 94 Clerkenwell Road, London, E.C.1, announce that, having been granted an order in respect of the trade mark Salepsi, they are now manufacturing this product in England under the new trade mark Nulepsi. Regular propaganda to the medical profession is to be conducted. Nulepsi is available as pills in bottles of thirty or as liquid in 30-gm. bottles.

OPTICAL CLASSES.—The Corporation of Glasgow has arranged, in co-operation with the Scottish Association of Opticians, for classes in optics to be held at Stow College School of Engineering, 43 Shamrock Street, Glasgow, C.4. A leaflet giving details of the various branches of optics covered by the courses, and the times and fees, may be obtained from the Education Offices, 129 Bath Street, Glasgow, C.2, or the Secretary, S.A.O., 1014 Argyle Street, Glasgow, C.3.

GLAXO LABORATORIES, LTD., Greenford, Middlesex, are now supplying two important media for pyelography: Pyelectan brand of iodoxyl injection and Pyelosil brand of diodone injection. Reduced prices for the former took effect on September 2 and Pyelosil is being introduced at the same prices as Pyelectan. Both are issued in boxes of one 20 c.c. ampoule, five 20 c.c. ampoules, or one 3 c.c. ampoule. To assist in the allocation of available stocks of Glucodin, Messrs. Glaxo have introduced Glucodin display parcel No. 14.

A NON-ADHERENT MEDICATED GAUZE.—Allen & Hanburys, Ltd., Bethnal Green, London, E.2, have introduced Nonad Tulle, a protective non-adherent gauze net impregnated with balsam of peru and the vitamins A and D in petroleum jelly. The gauze protects granulating surfaces and allows free drainage of pus and serum for absorption by covering dressing. It is non-adherent and thus permits dressings to be changed without pain or discomfort. Nonad Tulle is issued in boxes of ten pieces, size 4 in. by 4 in. each.

HOUBIGANT SUPPLIES.—We are informed by the Perfumery Marketing Co. that since Paris fell into enemy hands the company has not heard from Messrs. Houbigant and has assumed that their preparations are now unobtainable for the duration of the war. In these circumstances the company has closed its offices in Piccadilly, London, W.1. Mr. R. M. Borel, managing director of the company, has written to us expressing his regret that he has been obliged, in these circumstances, to sever his connexions with the trade for the duration of the war.

SELF-ADHESIVE BANDAGES.—A general-purpose self-adhesive bandage has been introduced under the name of Nuclepe, which moulds to shape of finger or part of the body to which it is applied but does not adhere to the skin. It provides a particularly neat bandage which is waterproof, flexible and comfortable. The bandage is made in three sizes in 24, 48 and 60 inch lengths. It is economical in use, as just sufficient can be cut off the roll to cover the injured surface once. Another new product made by the same company, Griffiths & Associates, Ltd., 1-3, Earl Street, Bristol, 1, is Variply brand varicose treatment for ulcerated conditions of the leg, consisting of the surgical support in a length of crêpe bandage sufficient for ankle and thigh dressing, together with a jar of antiseptic ointment and a supply of

dusting powder. The surgical support does not adhere to the skin; it is waterproof and can be kept clean by sponging.

MAKING PAPER MOISTURE-PROOF.—At a Press gathering held at the Waldorf Hotel, Aldwych, London, W.C.2, on September 10, a new material called W.535 was introduced by Imperial Chemical Industries Ltd., as a contribution to solving the problem of providing moisture proof packaging for foods, medicinal powders, and other products despite the shortage of tinsplate and paper pulp. The many war-time use for W.535 include the coating of paper—even of relatively inferior war-time quality—for making moisture-proof containers. In carton manufacture, the paper can be fastened to the baseboard with W.535 thus providing a container that is automatically moisture-proofed. Chip-board containers, if coated or interlined with W.535, give their contents just as much protection from moisture and atmospheric contamination as the heavier boxes, with extra wrappings, previously used. Considerable savings in pulp are thus made possible. The film provided by W.535 for paper and board, in addition to its moisture proofing and adhesive characters, is flexible, non-cracking, colourless and odourless, and offers considerable resistance to chemical action and oily materials. Although paraffin wax has previously been used for coating paper, a weakness of a wax coating is that it readily cracks when the paper is folded and "white" cracks can be seen even by the naked eye. The superiority of W.535 over paraffin wax has a physical explanation. Whilst both are crystalline, the crystals and voids of the paraffin wax are much larger than those of W.535. The new material has thus a lesser permeability to moisture and greater flexibility. Although for the highest grades of container, W.535 is used alone for coating it can also be used to improve paraffin wax, because the crystal size of the wax is reduced even when the ratio of the paraffin wax to W.535 is as high as 6 to 1. A mixture of W.535 and paraffin wax, provided the proportions are suitably adjusted, can be used as a moisture-proofing material in the manufacture of parchfoil, for combining two papers, or for combining chip-board and paper in paper boxes and carton manufacture. It can also be used for dipping cartons for liquids to render them waterproof, whilst composite containers can be moisture-proofed with the mixture during manufacture. Whether used alone or with paraffin wax, W.535 can be applied to paper by a standard waxing or pitch-lining machine with only minor adjustments. The temperature of working is 200°–220° F. and local overheating should be avoided. Imperial Chemical Industries, Ltd., offer to prospective users of W.535 the free technical advice of I.C.I. (Paints), Ltd., Wexham Road, Slough.

Business Change

A. F. Wood (general warehouseman) has removed from Ramsgate to 18 Dover Street, Canterbury, Kent.

C. & D. LIST OF RETAIL PRICES

The following alterations should be noted to the prices given in THE CHEMIST AND DRUGGIST "List of Retail Prices" based on the Prices of Goods Act, 1940, and included in the July 27 issue of C. & D.

Cost in d.		Per		Selling Price		
Aug. 1939	Sept. 1940			lb.	4 oz.	1 oz.
s. d.	s. d.			s. d.	s. d.	s. d.
22	35	lb.	Acid. citrici pulvis ..	4 3	1 2½	0 4
23	43	lb.	Acid. tartarici pulvis ..	5 2	1 5	0 4
42	96	lb.	Anthemidis flores Ang. ..	—	3 2	0 9
39	90	lb.	Anthemidis flores exot. ..	—	2 10	0 9
16	22	lb.	Arecæ pulvis ..	—	0 7	0 2
7 5	12	lb.	Calx chlorinata (1-lb. tins) ..	1 5	—	—
30	36	lb.	Collodium flexile meth. ..	—	—	0 5
18	22	lb.	Confectio sennæ ..	2 6	0 9	0 3
84	120	lb.	Iridis rad. flor. trimmed ..	—	4 1	1 1
20	40	lb.	Iridis rad. flor. pulv. ..	4 10	1 5	0 4
3	6	lb.	Magnes. sulphas compl. ..	0 9	0 3	—
66	87	lb.	Ol. amygdalæ Ang. ..	—	3 1	0 10
7	30	oz.	Ol. juniperi bacc. exot. ..	—	—	4 2
132	252	lb.	Ol. lavandulæ spic. ver. ..	—	8 9	2 3
60	102	gal.	Ol. lini opt. ..	pint	1 8	0 2½
24	28	oz.	Ol. menthæ pip. redest. ..	—	—	2 9
12	18	lb.	Potassii bicarbonatis pulvis. ..	—	0 9	0 2½
33	60	lb.	Potassii ferricyanidum compl. ..	7 3	2 0	0 6
19	31	lb.	Potassii tartaras acidus ..	3 9	1 0	0 3
41	66	oz.	Quinin. sulphas ..	—	dr.	1 5
72	168	lb.	Safrol ..	—	5 8	1 5
18	32	lb.	Sodii et potass. tart. pulv. ..	—	1 0	0 3½
51	87	lb.	Ung. gallæ c. opio ..	—	—	0 11

MEDICAL ABSTRACTS

Treatment of Trench Mouth.—J. L. O. Tilley ("British Dental Journal," August 1, p. 93) describes a treatment for trench mouth, the effects of which, it is stated, can be proved by applying it to one half of the mouth and using the other half as a control. The treatment consists of (1) complete removal of tartar and all foreign matter from the pockets; (2) irrigation of the pockets; (3) packing of the pockets with a mixture that will prevent further contamination and at the same time restore a normal circulation of the parts. The general treatment consists in keeping the bowels open and administering a tonic to the patient. For packing the troughs, the author uses a mixture of magnesium sulphate and glycerin, and after a section of the mouth has been treated the teeth and gums close to the pockets are dried and the opening sealed off by means of yellow sticky wax. By this method, the irritative action of the hypertonic mixture is prolonged and contamination of the pockets prevented for several hours. After five or six applications, ichthyol is added to the mixture. At the commencement of treatment the sides of the mouth, gums and tongue are syringed and swabbed with eucalyptus.

Dark Room Poisonings.—H. W. Greenwood ("British Journal of Photography," LXXXVII, 421) records a fatal case of poisoning by means of potassium ferricyanide—the only example of poisoning with this substance that has been reported for many years. He instances a number of poisons in common use in the dark room that can be dangerous without any allergy on the part of victim; among them are mineral acids, sulphuric and hydrochloric being most commonly used in dark room work, and the caustic alkalis. In all such cases immediate steps must be taken, says the writer, to neutralise the material, in the case of mineral acids by washing the affected part with water followed by 1–2 per cent. solution of bicarbonate of soda until every trace of acid is neutralised. He recommends checking with litmus paper held in contact with the affected surface. Where caustic alkali is the cause of the trouble, then the area, after a preliminary wash in water, should be washed with $\frac{1}{2}$ per cent. acetic acid until the skin gives an acid reaction. In some dark rooms chromic acid is used as a cleaning agent; it is usually made on the spot by adding concentrated sulphuric acid to a strong solution of potassium dichromate. Situations may arise where a substance that will instantly destroy the chromic acid; this is the case in every dark room, namely, "hypo." Any burn with chromic acid, or splashes on the skin, should be instantly plunged into the water dish or tank. Later they can be thoroughly washed and dealt with as desired or necessary. Liquid ammonia, apart from temporary irritation, is usually troublesome only when splashed in the eye. Washing with cold or just warm water, followed by 1 per cent. boric acid, is the best treatment. Where acids are splashed into the eye, 1 per cent. bicarbonate of soda should be used. The other poisons met with in the dark room are well known as such and include mercury, silver, oxalic acid and oxalates and ferricyanide. Poisoning with these, apart from deliberate acts, can only arise through misadventure or carelessness.

Treatment of Diarrhoea in Infants.—A simple and effective method for the treatment of diarrhoea in infants and the new-born by the use of pectin-agar is described in the "Journal of the American Medical Association," June 15, p. 2355, by Howard and Tompkins. Owing to the main disadvantages associated with apple diets, experiments conducted to find a preparation retaining the good qualities in apple syrup without its disadvantages have revealed that the only two elements of apple diets proved to have value are pectin and cellulose. In this a preparation was designed having the following composition: Pectin, 6.3 per cent., agar, 4.3 per cent., dextrin-maltose, 89.4 per cent. In preparing a formula for infants one cup of powder is cooked ten minutes in a double boiler with 23 oz. of milk. While still in the desired amount is poured into nursing bottles. After cooking, a results, calorically equal in malt and added carbohydrate, each ounce of which contains forty calories. On being re-warmed and shaken, the preparation easily feeds through a teat with an enlarged opening. New-born babies take this preparation with ease and it is well tolerated and retained. For children from six months to two years of age one ounce, or 8 oz. by volume of the powder, is cooked for ten minutes in a double boiler with 16 oz. of milk or other suitable liquid. The treatment of diarrhoea at any age consists of limiting all intake to the pectin-agar formula and water, until the stools are formed. This pectin-agar preparation has been used as a basic formula, to which powdered milk, cereals, carbohydrates or other foods are added, so as to increase calories in a tolerable anti-ketogenic low-volume feeding. The summation effect of the pectin-agar-dextrin-maltose formula may be summarised as follows: (1) Pectin retains any value it may have as a mucilaginous absorbent and healing agent. (2) It is a vehicle which promptly controls the system of diarrhoea. (3) The preparation results in a high-calory, high-carbohydrate, well-tolerated food which tends to prevent ketosis and vomiting. The authors report that in a series of thirty-three cases of enteritis in the new-born, complete recovery was attained in all.

MARRIAGES

Notices for this column must be authenticated

BRUCE—SMITH.—At Cults East Church, recently, Allister Leslie Bruce, M.P.S., The Square, Cults, Aberdeenshire, to Muriel A. Smith.

McHALE—QUIGLEY.—At Sutton, co. Dublin, recently, Desmond McHale, M.P.S.I., Howth Road, Killester, Dublin, to Peggy Quigley.

OSBORNE—LACAMP.—At St. George's Catholic Church, York, on August 10, Henry Osborne, M.P.S., 115 High Street, Huntingdon, to Emilie Germaine Gertrude Lacamp, York.

SATTERLEY—NEALE.—At Horfield Parish Church, Bristol, recently, Ralph McDonald Satterley, M.P.S., Bishopston, Bristol, to Iris Maud Neale, Horfield.

DEATHS

ATKINSON.—At his residence, 35 East Parade, York, on September 6, after a few days' illness, Mr. Thomas Cawood Atkinson, M.P.S., managing director of Bleasdale, Ltd., manufacturing chemists. Born at Helperthorpe, Yorkshire, the son of a large farmer on the Sledmere Estate, Mr. Atkinson was educated at Garton, Westow, and the Hull and East Riding College. He began his business career by serving a five years' apprenticeship with the late Mr. Thomas Parkinson, Driffield. At the end of his apprenticeship he got a further knowledge of high-class pharmacy under Mr. G. W. Worfolk, Ilkley, and then became a student at the Westminster College of Pharmacy, London, passing the Minor examination of the Pharmaceutical Society in 1896. He was for a time a demonstrator at the College, and then took up a post at St. Bartholomew's Hospital, where he got his first experience of manufacturing on a large scale. Mr. Atkinson left the Hospital to fill a post as laboratory manager to Messrs. Herrings & Co., manufacturing chemists, Aldersgate Street, and afterwards became laboratory manager to the General Apothecaries Co., finally taking up a similar position with Bleasdale, Ltd., York. In 1913 he joined the board of directors, and in 1924, during Mr. Humphreys' visit to Australia, he acted as managing director. On Mr. Humphreys' return he was appointed managing director and Mr. Humphreys accepted the chairmanship of the company. Mr. Atkinson took an active part in the York Chemists' Association and filled the position of president on two occasions. At one time he took a prominent position in the Heworth golf club. He was a member of the Rotary club and of the York City club. Mr. Atkinson leaves a widow, a married daughter and a son, also married.

BUTTERFIELD.—At Henthron Road, Clitheroe, on September 4, Mr. Joseph William Butterfield, chemist and druggist, aged eighty-four. Mr. Butterfield was for many years in business as a chemist and dentist at Market Street, Darwen. He leaves two daughters.

DEARDEN.—Recently, Mr. Theodore Ernest Dearden, M.P.S., Canterbury Road, Hawkinge, Kent. Mr. Dearden passed the Minor examination of the Pharmaceutical Society in 1899.

ELMITT.—At Littleover, Derby, on August 26, Mr. William Elmitt, M.P.S., 193 Osmaston Road, Derby. Mr. Elmitt qualified in 1889, and was in business in Derby for forty-one years.

FRANCIS.—On August 30, after a short illness, Mr. John Francis, M.P.S., 148 High Street, Merthyr Tydfil, aged sixty-nine. Mr. Francis was a past-president and treasurer of the Merthyr and Aberdare Branch of the Pharmaceutical Society, chairman of the local Pharmaceutical Committee and a past-president of the local chamber of trade. In addition he was a member of the Merthyr Borough Insurance Committee, and of the Merthyr Pharmaceutical Committee, of the Cardiff Technical College Pharmacy Advisory Committee, and of the Merthyr Branch of the N.P.U. He was prominent as a churchman and a Freemason. Mr. Francis is survived by a widow, a son and a daughter. A choral service at St. David's Church, Merthyr, was followed by interment at Cefn Cemetery, when the following members of the Aberdare and Merthyr Branch of the Pharmaceutical Society were present: Messrs. J. Reynolds, I. E. Thomas, J.P., D. W. Evans, J. Roberts, W. Walters, E. Cohen, H. Isaacs, I. Isaacs, W. Owen, G. Jones, R. C. Jones, Ivor Ll. Richards, E. Emrys Evans, H. Noel Thomas (secretary); also Messrs. Knapp and Jones representing Merthyr Insurance Committee.

GRANGER.—Recently, Mr. Harold Granger, Ph.C., Hucknall, Notts, aged seventy-eight.

HANDLEY.—Recently, Mr. Hugh Handley, M.P.S., High Street, Andover. Mr. Handley qualified in 1890.

HENDRY.—At Inverness, on August 26, Mr. Simon Hendry, M.P.S., Eastgate, Inverness, aged sixty-nine.

HUGHAN.—Recently, Mr. James Alexander Hughan, M.P.S., Castle Street, Kirkcudbright, aged fifty-six.

McGLINCHY.—Recently, Mr. William Owen McGlinchy, M.P.S., Willesden Lane, London, N.W.6, aged sixty-two.

MORRISON.—At 8 Marden Road, Whitley Bay, on July 25, Mr. James Alexander Morrison, M.P.S. Mr. Morrison qualified in 1904.



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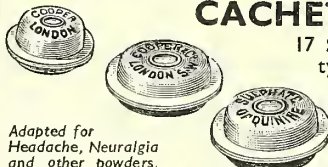
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THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

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circulates throughout the Pharmaceutical, Chemical, Drug, Essential, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, The British Empire and all foreign countries

Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

L. CXXXIII September 14, 1940 NO. 3162

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Purchase Tax

THE Treasury will shortly be making an Order fixing the date on which the Purchase Tax will come into operation. Meanwhile the Commissioners of Customs and Excise have announced that manufacturers and wholesale merchants dealing in taxable goods must apply for registration not later than September 20. Failure to do so by that date incurs liability to a fine of £100, plus £10 for each day during which the failure to register continues. In addition, persons who fail to register remain liable for tax on all their chargeable sales from the date when the tax comes into operation. Registration under the Purchase Tax is quite distinct from the Board of Trade registration in connexion with the Limitation of Supplies Orders and separate registration with the Customs is required by law for Purchase Tax purposes. It is anticipated that the Purchase Tax will come into operation in October. A list of affected articles of interest to the drug trade was given in the *C. & D.*, August 10, p. 74, and the official details of the operation of the scheme were summarised in the *C. & D.*, August 10, p. 118. Persons or firms who either manufacture chargeable goods, who stock and sell them as wholesale merchants, must be registered unless their gross returns from sales of chargeable goods do not exceed £2,000 a year. If sales do not amount to this figure the person or firm is not eligible for registration. A manufacturer who does not sell chargeable goods is entitled to be registered if he uses chargeable goods in substantial quantities as materials. The advantage to him of being registered in such circumstances is that he will then be able to buy the materials, free of tax, from a supplier who is also registered. That is because tax becomes payable only when a registered person sells to a person who is not registered. In one instance only is registration permissible for a retail trader as such. It is provided that where the Commissioners of Customs are satisfied that a person, for the purposes of a retail business carried on by him, makes purchases of chargeable goods "which in value and character are such as in the ordinary course of trade are made by wholesale merchants" he shall be registered. This will presumably enable the proprietors of a chain store, buying for all their branches, to register and buy their stock tax-free. But immediately the goods are appropriated for re-sale to the public the tax will become due and the chain-store proprietors will come accountable for it. Thus large registered retail organisations will not be more favourably placed than a small unregistered shopkeeper so far as the incidence of Purchase Tax on retail sales is concerned. "Selling by wholesale" is defined as "selling goods of any class to a person who carries on a business of selling goods of that class." It is the official view that this will "in general" exclude sales to public authorities, institutions or hotels. Wholesale transactions in the drug trade seem to be on the way to a variety of interpretations. The earliest advertisement of chemicals in which occurs the expression

"wholesale only" dates from 1741, but the first official definition was in the Poisons and Pharmacy (Northern Ireland) Act, 1925, and was followed by that of the Pharmacy and Poisons Act, 1933, though references to "the ordinary course of wholesale dealing" were referred to in earlier enactments. It is possible, therefore, to be a wholesaler under one piece of legislation and not under another.

As a rule, it will be reasonably simple to decide whether a particular firm is required to be registered or not. But there will be exceptions: some of the larger chemists, for example. There are pharmaceutical firms whose businesses comprise manufacturing and genuine wholesale trade, as well as retailing. If the gross takings from their manufacturing and wholesale activities in chargeable goods exceed, on the average, £2,000 a year they will have to be registered so far as that side of their trade is concerned: otherwise they will not. The main difficulty is likely to arise in deciding which part of the chemist's business is wholesale within the meaning of the Act.

Vitamins and Publicity

THOUGH it would probably surprise many in this country that the Irish as a race were devotees of science, yet the frequency with which the "Irish Times" devotes space in its columns of editorial comment on scientific topics might be taken as evidence in their favour, were it not that most of the articles are of a facetious tendency. Mainly in such vein is an article on "Vitamins and Calories" that appears in its issue of August 31, but there is many a true word spoken in jest, and we are in wholehearted agreement with its conclusion: "How is their interest [i.e. of the poorer sections of the community] to be stimulated in vitamins and calories, when those better qualified to understand treat vitamins and calories as a joke. A campaign of Government propaganda, not because of food shortage but of food ignorance, might serve a useful purpose in this country, if it eradicated some of the sickness and misery that are said to be due to the abuse of eating." It not only might but would serve a useful purpose, in England no less than in Ireland, and we welcome the recent statement of the Parliamentary Secretary to the Ministry of Food (Mr. Robert Boothby) that full publicity will be given at every stage to the Government's plan of introducing vitamin B₁ into the Nation's bread, though in the nature of things it will still be some time before sufficient of the vitamin is made and distributed for the reform to be put into operation. The head of a famous German synthetic-chemical manufacturing organisation was once heard to remark, with some degree of self-congratulation, that his concern had studiously avoided any encroachment into the realm of food. Insofar as this view displayed a faith in the superior virtues of natural as against synthetic foodstuffs it deserves commendation and support, but in a modern highly industrialised and urbanised civilisation it is not possible for the whole population to have access to adequate fresh, natural foodstuffs. Processes of food manufacture are known to involve risk of lost vitamins in many instances and surely if this cannot be prevented it can be rectified, and by what means except the addition of synthetic vitamins provided by the chemical industry? With the "Grow More Food" campaign and Mr. Boothby's promised publicity for vitaminised bread appearing simultaneously the Nation should advance to a higher level of fitness that ought never to be allowed to recede after the war is over. So far as pharmacists are concerned the way was made plain to them by the chairman of the British Pharmaceutical Conference, at his address at the emergency session of the Conference earlier in the year, and we hope that his words have taken root among chemists in many parts of the country.

Pharmacy as a Reserved Occupation

CHANGES in the schedule of reserved occupations are being considered at the present time and it is anticipated that revision in certain occupations may be extensive. Whether pharmacists will be affected is not known, but it will be recalled that so long ago as last March the central emergency committee of the British Medical Association recommended the Ministry of Labour to remove members of the medical profession from the reserved list. It is to be hoped that this will not be taken by the Ministry as a measuring stick against pharmacy, for the positions of the two professions differ greatly in respect of the health services of the civil population. In fact, it would seem that it is in the latter connexion that the matter should be judged, particularly having regard to the attitude of the Army and Air Force to pharmacy and their needs of pharmacists at the moment. So far as can be judged the Services are unlikely to make any substantial demand for pharmacists in the near future, but the position might be met by calling up for general military service dispensers under thirty years of age, and pharmacists up to the age of twenty-five for dispensing duties in the medical services of the Air Force and the Army. The committee responsible for the revision of the schedule of reserved occupations is to meet in the course of the next few days, and after that the proposed alterations will have to be approved by the Minister of Labour. It is to be hoped that no action in regard to pharmacists will be taken without consultations with the Pharmaceutical Society and the National Pharmaceutical Union.

GLYCERIN SUBSTITUTES

PHARMACEUTICAL preparations containing glycerin have once again come under review, owing to its being in ever-increasing demand for explosive manufacture. During the last war dependence was placed to a large extent on tragacanth, in some form or other, as a substitute. One hand lotion that was popular at that time in hospital work, for counteracting excessive dryness of the skin following constant use of antiseptics and washing of the hands, was known as glycerin and lavender. It consisted of glycerin and water in equal parts, to every fluid ounce of which was added 10 minims of compound tincture of lavender. When the formula had to be revised tragacanth mucilage, 0.6 per cent., was used, with the same amount of lavender as before. Although the amount of glycerin at present used in this hand lotion is 50 per cent., the time has come when it is considered desirable to revert to the 25 per cent. standard adopted in 1920. It should be noted that there is no necessity at present to abandon the use of glycerin altogether, but attention should be given to the best means of reducing to an effective minimum the quantity used. It must be admitted that in the manufacture of cosmetic preparations too much glycerin has frequently been used, while in tooth-pastes, for which no further releases are expected, the glycerin content is almost invariably high. In the British Pharmaceutical Codex are nearly one hundred preparations containing glycerin, while in the British Pharmacopœia there are approximately twenty-five. In most of the formulas glycerin can be either omitted or materially reduced, and if it is necessary to have a thickening agent either tragacanth or karaya mucilage can be used. The tragacanth mucilage for this purpose is best made as follows:—

Tragacanth, in No. 20 powder	..	..	1.0
Alcohol	..	..	1.0
Boiling water	..	..	100

Place the gum and alcohol in a suitable container, add 10 mls. of boiling water, shake vigorously and add the remainder of the boiling water.

In cough linctuses, similar preparations can be used instead of syrup, but a preservative will then be needed, as in many pharmaceutical preparations glycerin plays a dual rôle: it is both thickener and preservative. The British Pharmacopœial preparation containing the greatest proportion of glycerin is cataplasma kaolini, and it has been suggested that in this the glycerin may be replaced by sodium lactate solution, 60 per cent. It is found, however, that with that amount of sodium lactate the addition of 25 per cent. of glycerin produces a better product. The whole problem, it is understood, is being investigated by a committee of the British Pharmacopœial Commission. To evaluate glycerin apart from its medicinal use, save as a hygroscopic agent, and therefore to a certain extent a wetting agent, is difficult, but in the latter category many other substances more effective than glycerin are also devoid of the stickiness with which the latter is associated and which is frequently a drawback in cosmetic preparations. In considering alternative wetting agents, it should be borne in mind that some of them, unless accompanied by a trace of liquid paraffin, possess drying qualities undesirable in skin preparations. From the cosmetic manufacturers' point of view the value of glycerin can easily be over-rated, and in many dermal preparations it is, in fact, quite unnecessary. For example, if a small percentage of tragacanth were used in place of the glycerin in calamine lotion, and the lotion were put through a homogeniser, a satisfactory preparation would result. In the following stearic-acid cream, glycerin may be replaced by the neutral substance *D*-sorbitol, which is a polyhydric alcohol possessing a sweetish taste. This is available in liquid form of 80 per cent. strength.

Stearic acid	..	..	12.0
Borax	..	..	6.0
Perfume	..	..	q.s.
Sodium bicarbonate	..	..	1.0
Glycerin	..	..	5.0
Water	..	..	75.0

In a milk of roses made according to the following formula:—

Shaving cream soap	..	..	14.0
Spermaceti ointment	..	..	32.0
Borax	..	..	4.0
Glycerin	..	..	5.0
Distilled water to	..	..	800.0

a satisfactory preparation can be made with three parts of Lanette wax SX in place of the glycerin. Another type of preparation containing glycerin is an anti-perspiration lotion, as exemplified in the following formula:—

Sodium perborate	..	..	5.0
Sodium bicarbonate	..	..	1.0
Glycerin	..	..	0.5
Rose water to	..	..	100.0

In this formula the glycerin can be replaced by di-ethylene glycol, 0.5, and tincture of quillaia, q.s. Two other substances that can be used as

substitutes for glycerin in skin applications are silica gel and alumel, both of which can be used in small quantities in cosmetics and possess the emollient effect of diluted glycerin. A tooth-paste form recently published is as follows:—

Orris root powder	..	..	45.0
Glycerin	..	..	19.0
Tragacanth mucilage	..	..	32.0
Oil of lemon	..	..	2.0
Sodium ricinoleate, anhydrous	..	..	2.0

If a glycerin substitute were needed in this preparation, di-ethyl glycol would be suitable, but by increasing the sodium ricinoleate 5 per cent. one could use distilled water satisfactorily. In many instances containing mucilaginous substances can easily be substituted for tragacanth with advantage, a mucilage obtainable from ispagh seeds being efficient. The filtrate is clear and colourless and easily substituted for glycerin in cosmetic formulas, though it is not quite comparable with tragacanth lotion. A formula for glycerin and water can be altered to contain 10 per cent. glycerin and a suitable mucilage, but the use of di-ethylene glycol to replace glycerin in this formula is not recommended. The following is a formula for a hand vanishing cream made without the use of glycerin:—

Stearic acid	..	..	4.5 dr.
Di-ethylene glycol	..	..	2½ dr.
Potassium hydroxide	..	..	15 gr.
Distilled water to	..	..	3 oz.

A favourite skin cream that has appeared previously in these columns is as follows:—

Lanette wax SX	..	..	3 v.
Spirit. coloniensis	..	..	3j.
Glycerin	..	..	3ij.
Aq. dest.	..	..	ad 3vj.

The best substitute here has proved to be di-ethylene glycol.

TRADE-MARK APPLICATIONS

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Directory and Year-Book," 1940, p. 275.

(From the "Trade Marks Journal," August 21, 1940.)

- "ASMOCODE"; for medicated preparations for asthma (5) (IV). By T. C. Cornwell, 14 Piccadilly, Hanley, Stoke-on-Trent. 612,196.
- "MELVARON"; for medicinal preparations containing malt extract, vitamins and iron (IV). By E. Lilly & Co., 740 South Alabama Street, Indianapolis, Indiana, U.S.A. 610, Device of soldier carrying tin of FLIT and spray; for pharmaceutical, veterinary and sanitary substances, insecticides, disinfectants, etc. (5) (IV). By Stanco Inc., 100 V Tenth Street, Wilmington, Delaware, U.S.A. 612,094 (Associated).
- "BROWNIGEN"; for medicated preparations for internal use for bronchitis, etc. (5) (I). By L. G. Hellens, North Hill Pharmacy, Plymouth. 612,172.
- "OWBRIDGE'S"; for a medicinal preparation for treatment of respiratory organs (5) (I). By W. T. Owbridge, Ltd., 122 Osborne Street, Hull. 612,320 (Associated).
- "DIPALO"; for disinfectants and sheep dips (5) (IV). By McMullans, Ltd., 7 Liner Street, Belfast. 612,362.
- "BINATRIN"; for pharmaceutical preparations (5) (IV). By Boots Pure Drug Co., Ltd. Station Street, Nottingham. 612,412.
- "DIGGER"; for razor blades (8) (IV). By Steel Products, Ltd., Hanover, Carlisle, 611,538.

CONVERSION OF SPECIFICATIONS (Section 36 (3) and Rules 6 to 8)

From Schedule III to Schedule IV: Specification No. 348,609 (3); By J. Knight, Ltd.

APPLICATIONS FOR TEMPORARY SUSPENSION

(Under Section 3 of the Patents, Designs, Copyright and Trade Marks (Emergency) Act, 1939)

Nos. 531,762 and 608,502, owned by Bayer Products, Ltd.—Boots Pure Drug Co., Ltd. 37 Station Street, Nottingham.

(From the "Trade Marks Journal," August 28, 1940)

- "PETCOLITE" for chemical substances for use in filtration, etc. (1) (IV). By Petrol Engineering & Trading Co., Ltd., 6 Fitzroy Square, London, W.1. 612,345.
- "JENCOLITE"; for a chemical preparation to protect glass (1) (IV). By C. H. Jenl 9 & 10 Great Sutton Street, London, E.C.1. 612,415.
- "4 SEASONS"; for toilet preparations (3) (IV). By Coty (England), Ltd., 3 Stratford P. London, W.1. 611,212 (Associated).
- "DERMEVAN"; for medicated preparations for the skin (5) (IV). By Evans Sons Lesch Webb, Ltd., 56 Hanover Street, Liverpool, 1. 612,118.
- "TETROXON"; for pharmaceutical, veterinary and sanitary substances, foods, plasters, (5) (IV). By Savory & Moore, Ltd., 61 Welbeck Street, London, W.1. 612,146.
- "RAPIDUM"; for ointments (5) (IV). By W. R. Williams-Crowe, White Ben, South R Chorley Wood, Herts. 612,401.
- "DIALPHEN"; for pharmaceutical preparations (5) (IV). By The Society of Chem Industry in Basle, 141/227 Klybeckstrasse, Basle, Switzerland. 612,375 (Associate).
- "TIK"; for razor blades (8) (IV). By Steel Products, Ltd., Hanover, Carlisle, 611, Cinepro, Ltd., 96 Victoria Street, London, S.W.1. 612,350.
- "PEPSODENT"; for dental instruments, artificial teeth, teething rings, tooth brushes, tooth picks, etc. (10 and 21) (IV). By Pepsodent, Ltd., 56 Park Royal Road, London, N.W. 605,631/2 (Associated).

TRADE REPORT

ot quotations recorded for pharmaceutical chemicals, crude drugs, essential oils, etc., represent the prices for wholesale quantities of standard quality. C.i.f. shipment quotations do not include marine war risk insurance and other abnormal charges which arise in the present emergency.

28 Essex Street, W.C.2, September 11

The general tone of most of the markets continues quiet, but prices of nearly all commodities are quite well maintained. Spot demand for home-trade requirements is fair. Products in the PHARMACEUTICAL CHEMICALS markets continue to be quoted steady, and an average routine business is reported. There have been no material alterations in prices during the week. BENZALDEHYDE continues firm, with makers' prices nominal. CITRIC and TARTARIC acids are steady and unchanged. Market quotations for TARTARIC ACID continue nominal.

Crude Drugs

There are no outstanding changes to report in these markets, which have been quiet and steady throughout the week, with a fair routine trade passing. Demand for AGAR has been of about average dimension and previously-held values are fully maintained. There has been a fair demand for Curacao pepper, but spot supplies are now running low. BUCHU is an extremely quiet market, but values are firm. Spot supplies of CANTHARIDES are poor. An occasional spot trade of modest dimensions is reported for CASCARA SAGRADA. GUM continues firm, with values about level on the week. The spot price of DESICCATED COCONUT shows a further advance, for both fine and medium. GUM ACACIA is quoted slightly easier on spot. Business on the London GUMMAY market remains quiet, but values are well maintained. A fair trade is reported in both MATTO GROSSO and MINAS IPECACUANHA at full prices. JAPANESE MENTHOL has been in quiet demand during the week, but a better inquiry is reported for the Chinese material. PEPPERS are quiet; White Muntok is in quoted a fraction easier on spot. Good-quality rough-round RHUBARB continues to attract a fair demand, and quotations are about unchanged on the week. The values of all descriptions of SENNA are unchanged, with business very slow. TRAGACANTH is a quiet market.

Essential Oils

These markets continue quiet, with values of most products fully maintained. Prices of many products are becoming more difficult to replace, and because of this there is in many instances some reluctance to sell. Moderate business is reported in ALMOND, with the market fully steady. ANISE (STAR) continues in demand. BOIS DE ROSE is firm, but spot supplies are limited. A quiet market has been experienced for CASSIA. No quotations are available for LEMON, and values of hand-pressed will have to be negotiated: the former hand-distilled oil is quoted unchanged. LEMONGRASS is quiet, and prices about level on the week. There are no changes in the controlled prices for SEED and OLIVE. A moderate amount of business has been done in SAGE, with spot prices for good oil well maintained. PALMAROSA and PEPPERMINT continue firm. WORMSEED is steady.

Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at opening on Wednesday morning:—

Centre	Quoted	Par	September 4	September 11
Ban Congo	Frs. to £	nominal	176½*	176½*
Buenos Aires	Paper pesos to £	—	17-02*	17-02*
Madrid	Florins to £	12-107	7-60*	7-60*
London	Esc. to £	110	100*	100*
Paris	Ptas. to £	25-24½	37-25	37-25
Geneva	Dols. to £	4-86½	4-45*	4-45*
York	Dols. to £	nominal	4-03*	4-03*
Bombay	Per dollar	—	3½d.	3½d.
Calcutta	Kr. to £	18-150	16-90*	16-90*
Rangoon	Per yen	2s.	1s. 2½d.	1s. 2½d.
Manila	Frs. to £	22-2115	17-70*	17-70*

* Rate fixed by Bank of England. Bank rate, 2 per cent.

Pharmaceutical Chemicals, etc.

AIR consuming trade continues, with values generally fully steady. There is no price movements of importance to record.

MIDOPYRINE.—Market firm; dealers' spot prices unchanged. One cwt., at 27s. 6d. per lb.; smaller quantities, up to about 30s. per lb. for crystals, and powder 3d. per lb. extra.

AMMONIUM ICHTHIOSULPHONATE.—Spot prices are as follows: one-cwt., in 14-lb. tins, about 5s. per lb., ex store.

PROLINE.—Makers' prices are steady: ALKALOID, 21s. per oz.; 4 oz. at 6d. and 25 oz. at 20s. per oz. SULPHATE, 16s. 6d. per oz.; 4 oz. at 16s. 25 oz. at 15s. 6d. per oz.

LES, under 5 gm. or ½ oz., corked, 3d.; stoppered, 5d.; 5 gm. to 25 gm. or ½ oz. to 1 oz., corked, 3d.; stoppered, 6d.; 25 gm. or 1 oz., corked, 3½d.; stoppered, 7½d.; 50 gm. or corked, 4d.; stoppered, 9d. each; 100 gm. and over, included in price; tubes, per 100, 10s. 6d.; 10-gr., 12s. 3d.; 15-gr., 14s.

ARBITONE.—Dealers are quoting as follows: Spot, one cwt., 22s. per 28 lb., 23s.; smaller quantities, up to 26s., ex store.

BENZALDEHYDE.—Market is firm; supplies continue short. Makers are tending a nominal price of from 3s. per lb.

BENZOIC ACID (B.P.).—Makers report that their prices continue nominal at 6d. to 3s. per lb., according to quantity. There is no improvement in supplies, which are likely to be short for some time ahead.

BENZYL BENZOATE.—Makers' prices are nominal at 2s. 9d. to 3s. per lb., according to quantity.

ORAX (B.P.).—Makers' prices are steady: Granulated, £31; crystals, £32; powder, £32 10s. per ton, in 1-cwt. bags, carriage paid in Great Britain, for minimum one-ton lots. Commercial quality, £8 per ton less.

BISMUTH SALTS.—Makers' scales of prices continue steady, as follows:—

	Under 4 lb.	4 lb. and under 8 lb.	8 lb. and under 28 lb.	28 lb. and under 1 cwt.	Not less than 1 cwt.
Carbonate	s. d. 11 3	s. d. 10 9	s. d. 10 0	s. d. 8 7	s. d. 8 4
Citrate	13 4	12 10	12 1	10 4	10 1
Nitrate, cryst.	7 7	7 1	6 4	5 7	5 4
Oxide	15 4	14 10	14 1	12 0	11 9
Salicylate	11 9	11 3	10 6	9 0	8 9
Subchloride	14 11	14 5	13 8	11 8	11 5
Subgallate	11 11	11 5	10 8	9 2	8 11
Subnitrate	9 11	9 5	8 8	7 6	7 3

Rebate of threepence per lb. allowed off 1-cwt. prices on sales of not less than 2 cwt., or against contracts of not less than 2 cwt., provided whole of contract quantity is ordered within three months. Prices net. Payments in fourteen days. For quantities of 28 lb. and upwards in the home trade, an extra charge of threepence per lb. is made for 1-lb. cartons and 1-lb. parcels, and it is a condition of re-sale that this extra charge shall apply even when repacking into 1-lb. cartons or 1-lb. parcels is effected by the purchaser. Smaller quantities than 28 lb. are not subject to this extra charge. Under present conditions all prices and sale conditions are named without engagement.

BORIC ACID (B.P.).—No change in makers' prices: Granulated, £45 10s.; crystals, £46 10s.; powder, £47 10s. per ton, in cwt. bags, carriage paid in Great Britain, for minimum one-ton lots. Commercial qualities, £8 per ton less.

BROMIDES.—Makers' scales of prices steady. POTASSIUM, B.P., not less than 5 cwt., 2s. 2d. per lb.; 1 cwt., 2s. 3d.; 28 lb., 2s. 9½d. SODIUM, B.P., not less than 5 cwt., 2s. 4½d. per lb.; 1 cwt., 2s. 5½d.; 28 lb., 3s. AMMONIUM, B.P.C., not less than 5 cwt., 2s. 5½d. per lb.; 1 cwt., 2s. 6½d.; 28 lb., 3s. 1d. Net. Rise-and-fall and re-sale clauses apply. Without engagement. Special prices for larger quantities. 28-lb. parcels and 1-cwt. cases or kegs free.

CALCIUM LACTATE.—Makers are quoting small quantities at up to 1s. 8d. per lb., but business is quiet.

CITRATES.—Makers' scales of re-sale prices are steady and unchanged:—

POTASSIUM, B.P.	In containers of					
	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
Under 4 lb.	s. d. 3 0	s. d. 2 10½	s. d. —	s. d. —	s. d. —	s. d. —
4 lb. and under 7 lb.	2 11	2 9½	2 9½	—	—	—
7 lb. and under 14 lb.	2 10	2 8½	2 8½	2 7½	—	—
14 lb. and under 28 lb.	2 9	2 7½	2 7½	2 6½	2 6½	—
28 lb. and under 1 cwt.	2 8	2 6½	2 6½	2 5½	2 5½	2 5

SODIUM, B.P., one penny per lb. below corresponding prices for POTASSIUM, B.P. IRON AND AMMONIUM (SCALES), B.P., threepence per lb. above corresponding prices for POTASSIUM, B.P. Prices net. All packages charged extra. It is a condition of sale that buyers undertake not to re-sell at prices below the values given. 28-lb. tins charged 2s. each.

CITRIC ACID.—Makers' nominal price of 1s. 2d. per lb., less 5 per cent. discount, continues unchanged. Any material in dealers' hands would be worth about 1s. 6d. per lb.

COCAINE.—British makers' quotations for wholesale bulk quantities are as follows: HYDROCHLORIDE and NITRATE, 25 oz. and over, 29s. 9d.; 16 oz. and less than 25 oz., 30s. 9d.; over 8 oz. and less than 16 oz., 31s. 9d. per oz. ALKALOID, CITRATE and SALICYLATE, 25 oz. and over, 32s. 6d.; 16 oz. and less than 25 oz., 33s. 6d.; over 8 oz. and less than 16 oz., 34s. 6d. per oz., 16-oz. packages free. Smaller packing extra. The scale of prices applicable to distributors of smaller quantities is as follows: HYDROCHLORIDE and NITRATE, 8 oz., 34s. 1d.; 4 oz. and less than 8 oz., 34s. 7d.; 2 oz. and less than 4 oz., 35s. 5d.; 1 oz. and less than 2 oz., 36s. 5d.; ½ oz. and less than 1 oz., 37s. 11d.; ¼ oz. and less than ½ oz., 40s. 11d. per oz. ALKALOID, CITRATE and SALICYLATE, 8 oz., 36s. 10d.; 4 oz. and less than 8 oz., 37s. 4d.; 2 oz. and less than 4 oz., 38s. 2d.; 1 oz. and less than 2 oz., 39s. 2d.; ½ oz. and less than 1 oz., 40s. 8d.; ¼ oz. and less than ½ oz., 43s. 8d. per oz., packages extra. Re-sale: Sales are subject to buyers' undertaking not to re-sell any quantity below the scale of prices for such quantity current at the time of re-sale. Export prices vary according to destination.

CREAM OF TARTAR (B.P.).—Makers' nominal price of 152s. per cwt., less 2½ per cent. discount, continues unchanged, with supplies restricted to regular consumer customers.

CREOSOTE (BEECHWOOD).—Bulk quantities, in 25-kilo demijohns, are quoted by dealers at about 6s. upwards per lb.

EMETINE HYDROCHLORIDE.—Makers' price is at from 100s. to 104s. per oz., according to quantity.

ETHERS (METHYLATED).—Makers' scales of prices continue unchanged:—

Specific Gravity and Grade	Winchester quarts, per lb.	Not less than		Drums, per lb.
		6 w. qts., per lb.	12 w. qts., per lb.	
0.750	s. d. 1 4½	s. d. 1 4	s. d. 1 3½	s. d. 1 2½
0.735	1 5	1 4½	1 4	1 3
0.730	1 5	1 4½	1 4	1 3
0.725	1 7	1 6½	1 6	1 5
0.725, triply rectified	1 11½	1 11	1 10½	1 9½
0.720	1 8	1 7½	1 7	1 6
0.717	2 2	2 1½	2 1	2 0
0.720 B.P., not for anaesthesia	1 10	1 9½	1 9	1 8

Net prices, usual terms. Special prices for quantities and contracts, subject to rise-and-fall clause. Prices for anaesthetic ethers unchanged.

EPHEDRINE HYDROCHLORIDE (B.P.).—Values range from 7s. to 8s. per oz. for ordinary quantities. Lots of 1,000 oz. would be at a slightly lower figure.

GUAIACOL CARBONATE.—Makers' and dealers' quotations are at from 12s. 6d. to 13s. per lb., ex store, as to quantity.

GUAIACOL (CRYSTALS).—Makers' prices are steady; supplies continue short. Quotations are nominal at about 12s. 6d. per lb. Liquid, also in limited supply, is now quoted at about 12s. 6d. per lb.

HEXAMINE.—Values steady, fair demand. Free-running crystals quoted at from 2s. 1d. to 2s. 3d. per lb., ex store, as to quantity. Powder at cheaper prices.

IODIDES.—Makers' scales of prices continue steady: POTASSIUM, B.P., not less than 1 cwt., 8s.; 28 lb., 8s. 6d.; 14 lb., 9s.; 7 lb., 10s. 2d.; 4 lb., 10s. 8d.; smaller quantities, 11s. 2d. per lb. SODIUM, B.P., not less than 28 lb., 8s. 10d.; 14 lb., 9s. 4d.; 7 lb., 10s. 9d.; 4 lb., 11s. 5d.; smaller quantities, 12s. 3d. per lb. IODINE, B.P., RESUB., not less than 1 cwt., 9s. 2d.; 28 lb., 9s. 7d.; 14 lb., 10s. 2d.; 7 lb., 11s. 7d.; 4 lb., 12s. 3d.; smaller quantities, 13s. per lb. IODOFORM, B.P. (CRYST., PRECIP. OR POWDER), not less than 28 lb., 11s. 4d.; 14 lb., 11s. 10d.; 7 lb., 13s. 9d.; 4 lb., 14s. 7d.; smaller quantities, 15s. 5d. per lb. Contracts for 1 cwt. and upwards (assorted if desired) for delivery as required during three months, with the following clause: Price applicable to any delivery is that in force on date of dispatch. One-cwt. cases charged extra; 28-lb. tins 2s. each and non-returnable. All bottles charged for but credited in full if received back carriage-paid in good condition within three months. Carriage paid on any quantity. Assorted quantities charged for at collective total prices on orders for 14 lb. and upwards. It is a condition of sale that buyers undertake not to re-sell any quantity at prices or terms below scale for such quantity current at time re-sale is made.

LACTIC ACID (B.P.).—Fair business; values steady. Quantities, in 1-cwt. carboys, about 1s. 8½d. per lb.; in winchesters and bottles, about 1s. 9d. to 2s. per lb., ex store, according to quantity.

MERCURIALS.—Controlled prices for these salts continue unchanged:—

Mercury Compound	Over 7 lb. but less than 28 lb.	28 lb. and over but less than 1 cwt.	1 cwt. and over but less than 2 cwt.	2 cwt. and over but less than 5 cwt.	5 cwt. and over
Bichloride, powder ..	12 8	12 4	12 3	12 1	12 0
Bichloride (industrial users) ..	12 8	12 4	12 3	12 1	11 11
Bichloride, lump ..	13 3	12 11	12 10	12 9	12 6
Ammonium chloride, powder ..	14 7	14 3	14 2	14 1	13 7
Ammonium chloride, lump ..	14 5	14 1	14 0	13 11	13 5
Chloride (mercurous) ..	15 0	14 8	14 7	14 6	14 4
Oxide, red crystalline, B.P. ..	16 9	16 5	16 4	16 3	16 1
Oxide, red levigated, B.P. ..	16 3	15 11	15 10	15 9	15 9
Oxide, red technical ..	All quantities—13s. 6d. per lb.				
Oxide, yellow levigated, B.P. ..	16 2	15 10	15 9	15 8	16 8
Oxide, yellow technical ..	All quantities—15s. 2d. per lb.				

Packages free for quantities of 28 lb. and over; delivery free on orders of £20 and over.

MERCURY IODIDES.—Makers' prices per lb. are steady as follows: RED, less than 7 lb., 17s. 8d.; not less than 7 lb., 17s. 4d.; not less than 14 lb., 16s. 10d. GREEN, less than 7 lb., 19s. 6d.; not less than 7 lb., 19s. 2d.; not less than 14 lb., 18s. 8d. YELLOW, less than 7 lb., 21s. 3d.; not less than 7 lb., 20s. 11d.; not less than 14 lb., 20s. 5d., net, carriage paid.

METHYL SULPHONAL.—Spot material would be worth about 40s. to 42s. 6d. per lb., ex store, for small supplies; business is quiet.

PARALDEHYDE.—Valued on spot at about 11d. to 1s. per lb., in one-cwt. carboys, according to quantity.

PHENACETIN.—Makers' prices for ordinary quantities are at about 3s. 9d. to 4s. per lb., without engagement. Dealers' prices continue firm at from 7s. 6d. to 7s. 9d. per lb.

PHENAZONE.—No change in quotations; market quiet. Bulk quantities about 17s. 6d. per lb.; small parcels, up to 22s. per lb., ex store.

PHOTOGRAPHIC CHEMICALS.—Home makers' prices are as follows: SODIUM HYPOSULPHITE.—5 cwt., 20s.; 1 cwt., 23s.; 56 lb. for 12s. 6d.; 28 lb. for 6s. 6d. SODIUM CARBONATE, RECRYST.—5 cwt., 13s. 9d.; 1 cwt., 17s.; 56 lb. for 12s. 6d.; 28 lb. for 6s. 6d. ALUM (PHOTOGRAPHIC QUALITY).—1 cwt., 23s.; 28 lb. for 6s. 6d. GLYCIN.—7 lb., 13s. 6d.; 1-lb. bottles, 14s. 6d. POTASSIUM FERRICYANIDE.—Prices were recently advanced by sixpence per lb., as follows: 28 lb., 3s. 1d.; 14 lb., 3s. 3d.; 7 lb., 3s. 6d.; less than 7 lb., 3s. 9d. per lb.; 1-lb. bottles, 4s. 3d.; 8-oz. bottles, 2s. 6d.; 4-oz., 1s. 5d.; 1 oz., 10d. each. AMIDOL.—1 cwt., 8s. 6d.; 56 lb., 8s. 9d.; 28 lb., 9s. per lb., net; 14 lb., 9s. 9d.; 7 lb., 10s. 6d.; less than 3 lb., 12s. 6d. per lb.; 2½ per cent. monthly account. Bulk parcels and tins free. 1-lb. bottles, 6d. extra. CHLOROQUINOL.—1-lb. bottles, 21s. per lb. HYDROQUINONE.—1 cwt., 6s. 4½d.; 56 lb., 6s. 7d.; 28 lb., 6s. 10d. per lb., net; 14 lb., 7s. 3d.; 7 lb., 7s. 6d.; less than 7 lb., 8s. per lb.; less 2½ per cent. monthly account. Retail quantities: 16 oz., 8s. 6d.; 8 oz., 4s. 6d.; 4 oz., 2s. 8d. Trade prices in bottles: 1-lb. bottles, 8s. 6d. each; 8-oz. bottles, 4s. 6d. each; 4-oz. bottles, 2s. 8d. each; 1-oz. bottles, 1s. 1d. each, with retail selling prices 50 per cent. additional. GOLD CHLORIDE.—15-grain tubes, 53s. per doz. MAGNESIUM POWDER.—11s. 9d. per lb. PARAMIDOPHENOL HYDROCHLORIDE.—9s. per lb., bottles free. POTASSIUM METABISULPHATE.—One cwt., 1s. 3d.; 28 lb., 1s. 6d.; 14 lb., 1s. 7d.; 7 lb., 1s. 9d.; 1 lb., 2s.; 16-oz. bottles, 2s. 6d.; 8-oz. bottles, 1s. 6d. each; 4-oz. bottles, 1s. each; 1-oz. bottles, 8d. each. PYROGALLIC ACID, CRYST.—1 cwt. and over, 9s.; 56 lb., 9s. 3d.; 28 lb., 9s. 6d.; 14 lb., 10s. 6d.; 7 lb., 11s.; less than 7 lb., 11s. 6d. per lb. Bulk tins free, 1-lb. tins, 4d. extra and 1-lb. bottles, 6d. extra. PYROGALLIC ACID, RESUB.—1 lb., 15s.; 8 oz., 8s. 3d.; 4 oz., 4s. 9d. each; 1 oz., 22s. per doz. oz. SODIUM SULPHIDE (PURE).—7 lb., 1s. 9d.; 1 lb., 2s. per lb., bottles free. SODIUM SULPHIDE, RECRYST.—One cwt., 24s. 6d. per cwt.; 56 lb. for 13s. 3d.; 28 lb. for 72. METOL.—The prices were recently advanced by 1s. per lb., and are now: 1 cwt., 12s.; 56 lb., 12s. 3d.; 28 lb.,

12s. 6d. per lb., all net; 14 lb., 13s.; 7 lb., 13s. 9d.; 3 lb., 14s. 6d.; and 3 lb., 15s. per lb., all 2½ per cent. monthly account. Bulk tins free, 1-lb. bottle sixpence per lb. extra. Retail quantities, 16 oz., 15s. 6d.; 8-oz., 8s. 6d.; 4 oz., 4s. 6d.; 1 oz., 1s. 11d. It is a condition of sale by the manufacturers that material shall not be re-sold at prices lower than manufacturers' schedule ruling on date re-sale is made.

POTASSIUM PERMANGANATE.—Makers' prices continue at the previous levels:—

Minimum delivery of	B.P. Quality		Technical	
	In 1-cwt. drums	In 5-cwt. drums	In 1-cwt. drums	In 5-cwt. drums
	Per lb.	Per lb.	Per cwt.	Per cwt.
1 cwt. up ..	s. d. 1 5½	s. d. —	s. d. 161 6	s. d. —
3 cwt. up ..	1 5	—	157 0	—
5 cwt. up ..	1 4½	1 4½	154 6	152 0
1 ton up ..	1 4½	1 4½	152 0	149 6
4 tons up ..	1 4½	1 4	149 6	147 3

Terms: Net, delivered nearest railway station in Great Britain; drums extra and returnable.

QUININE.—Quotations for sulphate are now at 59.85 American dollars per 100 oz., f.o.b. Java. The sterling quotation for sulphate, at current exchange rate, is now £14 17s. 5d. per 100 oz., f.o.b. Java.

RESORCIN.—No change in makers' prices. Not less than 7 lb., 7s. 3d. per lb.; not less than 14 lb., 7s.; not less than 56 lb., 6s. 10d.; not less than 1 cwt., 6s. 9d. Dealers' prices for any spot material available would be about 8s. 6d. to 9s. per lb.

SACCHARIN.—Duty-paid Convention price for 550 material continues 98s. 4d. per lb. Neither wholesale nor retail prices are under Government control.

SALICYLIC ACID (B.P.).—Makers' scales of prices as follows:—

In containers of	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
Under 4 lb. ..	s. d. 2 7½	s. d. 2 6	s. d. —	s. d. —	s. d. —	s. d. —
4 lb. and under 7 lb. ..	2 6½	2 5	2 4½	—	—	—
7 lb. and under 14 lb. ..	2 5½	2 4	2 3½	2 3½	—	—
14 lb. and under 28 lb. ..	2 4½	2 3	2 2½	2 2½	2 2	—
28 lb. and under 1 cwt. ..	2 3½	2 2	2 1½	2 1½	2 1	2 0
1 cwt. and under 5 cwt. ..	1 11½	1 10	1 9½	1 9½	1 9	1 8
5 cwt. and under 1 ton ..	1 11	1 9½	1 9½	1 8½	1 8½	1 8
1 ton ..	1 10	1 8½	1 8½	1 7½	1 7½	1 7

* 8 × 14 lb. and upwards, in one delivery, ½d. lb. less.

Prices include parcels or collapsible cartons; other packages charged extra. Can be assorted with sodium salicylate. Prices are quoted subject to undertaking on part of buyer not to re-sell any quantities at prices or terms below scale current at time re-sale is made.

SALOL.—Firm, with values unchanged at about 6s. 9d. to 7s. per lb. according to quantity.

SANTONIN.—Convention prices are unchanged as follows: 15 kilo and over, £35 10s.; not less than 10 kilo, £36 5s.; not less than 5 kilo, £37; less than 5 kilo, £38 per kilo, delivered free in the U.K.; 1-kilo tins free.

STRYCHNINE SALTS.—British makers' prices per oz. are as follows:—

	Under 100 oz.	100 oz. and under 500 oz.	500 oz. and over		Under 100 oz.	100 oz. and under 500 oz.	500 oz. and over
Alkaloid, crystalline ..	s. d. 2 8	s. d. 2 7	s. d. 2 6	Nitrate, powder ..	s. d. 2 5½	s. d. 2 4½	s. d. 2 4
" precipitated ..	2 8	2 7	2 6	" " No. 2 ..	1 11	1 10	1 10
Acetate ..	2 10½	2 9½	2 8½	Phosphate ..	3 3½	3 2½	3 2
Arsenate ..	2 9	2 8	2 7	Sulphate, neutral, crystalline ..	2 2	2 1	2 1
Arsenite ..	2 10½	2 9½	2 8½	Sulphate, neutral, powder ..	2 2	2 1	2 1
Bisulphate ..	2 0½	1 11½	1 10½	Sulphate, neutral, powder No. 2 ..	1 9	1 8	1 8
Hydrochloride ..	2 5½	2 4½	2 3½				
Hypophosphite ..	5 2	5 1	5 0				
Nitrate, crystalline ..	2 5½	2 4½	2 3½				

25-oz. containers and outer cases free; smaller packages extra. Contracts may be booked for quantities of 100 oz. and over, with rise-and-fall clause, for a period of six months. Ten net thirty days. Wholesale distributors' prices for small quantities would be dearer.

SULPHANILAMIDE.—Steady and unchanged. Values are at from 10s. 3d. to 11s. 6d. per lb., as to quantity.

SULPHONAL.—Small business; market firm. Dealers are quoting at about 34s. to 35s. per lb., according to quantity.

TARTARIC ACID (B.P. CRYSTALS).—Makers advise that their quotation continues nominal at 2s. 0½d. per lb., less 5 per cent. discount, with supplies reserved for regular consumer customers. Any foreign material would be worth about 3s. 2d. to 3s. 3d. per lb.

VANILLIN.—Makers' prices continue unchanged: Ex clove oil or guaiac five cwt., 14s. 6d. per lb.; one cwt., 14s. 7½d.; 56 lb., 14s. 9d.; less than 56 lb., 15s., carriage paid in the United Kingdom.

Crude Drugs, etc.

A FAIR amount of ordinary small business is passing in these markets. Price of spot goods continue for the most part fully steady.

ACONITE ROOT.—Approximately 140s. per cwt., ex store, would be the value of any available root on spot.

AGAR.—An average spot business is being done; values are fully maintained. Kobe No. 1, about 8s. 3d. per lb.; Kobe No. 2, about 8s.; and Yokohama No. 1, about 7s. 10½d. per lb., ex store, duty paid. No shipments offers from origin.

ALOES.—There has been a fair demand for the Curaçao variety, and spot supplies are now running low. Spot, value fully maintained at about 280s. to 310s. per cwt., ex store, according to quantity. Cape, in quiet demand, market steady; spot, about 57s. 6d. to 60s. per cwt. Zanzibar, leaves, about 60s. per cwt., ex store, if available.

ANTIMONY.—Values maintained. English 90 per cent., £90 per ton delivered; foreign regulus, £90 to £93 per ton, duty paid; Chinese regulus, £90 to £92 per ton, ex warehouse London.

BALSAMS.—There is no improvement in the supply of *Tolu* which is now quoted at 9s. 6d. per lb. *Canada* is valued at about 5s. 6d. per lb., and *Copaiba*, Para, about 3s. 6d. to 3s. 9d. *Peru* is worth about 7s. 9d. per lb.

BELLADONNA.—Spot values of both root and leaves are nominal, and only small odd lots are likely to be available.

BENZON.—Sumatra is in quiet demand, with values ranging between 15 10s. and £6 15s. per cwt., according to quality.

BISMUTH METAL.—One dollar 25 cents. per lb. is the present quoted price of the metal.

BUCHU.—Little business is passing, but values are firmly maintained. Spot, about 2s. 9d. to 3s. per lb., ex store, according to quality and quantity.

CAMPHOR.—Japanese, slabs, are quoted at about 5s. 3d. per lb., and tablets, if available, at about 6s. per lb. Continental synthetic powder, 5s. 3d.; tablets, 5s. 6d. per lb., ex store. English refined, quoted as follows: Flowers, one cwt., 5s. 9d.; 28 lb., 5s. 10d.; less than 28 lb., 5s. 11d. per lb. Transparent tablets, 4-oz., one cwt., 6s. 3d.; 28 lb., 6s. 4d.; less than 28 lb., 6s. 5d. per lb.

CANTHARIDES.—Market steady but poorly supplied. Chinese, spot, about 3s. 3d. to 4s. 6d. per lb., duty paid; shipment, about 4s. 3d. per lb., c.i.f. Russian, spot, about 6s. per lb., if available.

CARDAMOMS.—Values fully maintained, but only a small business passing: Ceylon, spot, between 3s. 6d. and 5s. per lb., according to quality; Bombay seed, about 4s. 6d. per lb.; Mangalore seed, about 4s. 3d.; Aleppy greens, about 3s. 2d. per lb.

Exports of cardamoms from Ceylon during April, 1940, amounted to 200 cwt., valued at Rs. 29,800, compared with 300 cwt., valued at Rs. 34,500 in the corresponding month of the previous year.

CASCARA SAGRADA.—Occasional spot trade of modest dimensions. Quoted values are at about 87s. 6d. to 97s. 6d. per cwt., according to age of bark. The last shipment offer from source was at 65s. per cwt., c.i.f.

CASCARILLA.—Dealers are quoting good silvery quill at about 1s. 6d. per lb.; siftings at about 1s. 4d. per lb.

CHAMOMILES.—Any available flowers would be worth about 400s. per cwt. or medium quality, but supplies are difficult to obtain.

CHILLIES.—Spot value of Mombasa is about 125s. per cwt. Zanzibar, a.q., 115s. Sierra Leone, 112s. 6d. per cwt.

CLOVES.—Market firm: Spot, Zanzibar, 9½d. per lb., sellers; shipment, September–October, 9d. per lb., c.i.f., nominal. Madagascar, quoted at 9½d. per lb., in bond.

COCA BUTTER.—Prime English unchanged on spot at 1s. 1½d. per lb., ex wharf; foreign, quoted at 1s. 1½d. per lb., duty paid, ex store.

COCONUT (DESSICATED).—Market is firm. Spot, fine, shows a further advance to 42s. per cwt., and medium to 40s. per cwt., sellers.

During April, 41,000 cwt. valued at Rs. 329,000, was exported from Ceylon. In the corresponding month of 1939 the figures were 40,400 cwt. and Rs. 316,000.

COLOCYNTH.—Business continues slow; dealers are quoting at about 5s. 6d. to 1s. 9d. per lb., according to quality.

ERGOT.—Spanish–Portuguese is now valued on spot at about 9s. per lb., ex store. New-crop, for prompt shipment, about 6s. 6d. per lb., c.i.f.

GAMBOGE.—Good-quality Siam pipe continues to be quoted unchanged at between £25 and £26 per cwt., duty paid.

GENTIAN.—Approximately 180s. per cwt. would be wanted for any small odd lots available.

GINGER.—West African steady on spot at 39s. per cwt., sellers. Jamaican, pot, small-medium, 55s.; bold, in barrels, 85s. per cwt., ex store. Cochinchina, unwashed, 48s. per cwt., ex store.

GUM ACACIA.—Kordofan cleaned sorts is quoted easier on spot at about 5s. per cwt.; bleached is quoted at from 125s. to 150s. per cwt., according to quality; shipment, new-crop, 45s., c.i.f., nominal.

HENNA.—Dealers are now quoting leaves at about 85s. per cwt., ex store, or any material available. Supplies of this product are reported to be practically exhausted.

HONEY.—Business on the London market remains quiet but values are well maintained. Jamaican, spot, between 90s. and 105s. per cwt., nominal. Stocks of all descriptions limited.

HYDRASTIS.—Values steady; demand small. Spot value of good-test root is at about 22s. 6d. per lb.; untested root would be worth about 19s. to 20s. 6d. per lb.

IPECACUANHA.—A fair trade is reported at full prices: Matto Grosso, about 5s. to 26s. per lb., ex store; shipment, September, about 21s. per lb., c.i.f. Minas, between 11s. 6d. and 12s. 6d. per lb., ex store, according to test; shipment, September–October, about 7s. per lb., c.i.f. EXT. IPECAC. LFG. continues to be quoted by makers at 30s. per lb. for minimum lots of twelve inchesters.

LAVENDER FLOWERS.—Good blue flowers on spot, if available, would be valued at about 2s. per lb.

LOBELIA HERB.—Dealers would require about 9½d. to 10d. per lb., ex store, or spot supplies.

MENTHOL.—The Japanese product has been in quiet demand this week, about 21s. to 22s. per lb., ex store. A better inquiry reported for the Chinese variety; spot is at about 15s. 9d. to 16s. 3d. per lb., ex store, as to brand; shipment, September–October, 14s. 3d. per lb., c.i.f.

MERCURY.—Steady at previously quoted values. The price quoted, ex warehouse, London, per bottle of 34.5 kilos, is £54 10s., without engagement and subject to confirmation.

NUTMEGS.—Firm and unchanged. West Indian, spot, 80's, 1s.; 90's, 8d.; wormy and broken, 6½d. per lb.

ORANGE PEEL.—The value of thin-cut, if available, would be between 3s. and 3s. 6d. per lb., ex store. Bitter quarters are quoted at about 1s. 10d. per lb., ex store. Supplies are running low.

PEPPER.—Market quiet; values of most descriptions unchanged. Lampong, spot, in bond, steady at 3½d. per lb.; shipment, September–October, 2½d., c.i.f., nominal. Tellicherry, spot, 4½d.; shipment, September–October, 34s. per cwt., c.i.f. Aleppy, spot, 4½d.; shipment, September–October, 34s. per cwt., c.i.f. White Muntok, spot, duty-paid, again a fraction easier at 5½d.; in bond, 4½d.; shipment, September–October, 4½d. per lb., c.i.f., nominal.

PIMENTO.—Market firm. Spot quotations continue at 11½d. per lb., sellers, shipment, new-crop, September–October, 85s. per cwt., c.i.f.

PYRETHRUM.—Approximately 185s. per cwt., ex store, would be wanted by dealers.

QUILLARIA BARK.—Limited business. Spot is valued at about 85s. per cwt., ex store.

RHUBARB.—Demand continues fair; good-quality rough-round quoted at between 4s. 10½d. and 5s. 3d. per lb., duty paid, according to quantity. Shensi, round and flat, quoted at about 7s. 9d. per lb., and pickings at about 5s. 9d. per lb.

RUBBER.—Market quiet, values about level on the week: Standard ribbed smoked sheet, spot, 12½d.; September, 12½d.; October, 12½d.; January–March, 11½d.; April–June, 11½d. per lb.

SEEDS.—ANISE.—Spot, 95s., duty paid, and 90s., in bond, both nominal. CANARY.—Spot, Morocco, quoted at 46s., duty paid. CARAWAY.—Dutch, 170s., duty paid, quoted on spot for one to two bag lots only. CORIANDER.—Market remains firm at 43s. 6d., duty paid, and 42s., in bond. CUMIN.—Spot, Malta, quoted at 135s., duty free. Cyprus, 130s., duty free. DILL.—Spot, Indian, 45s., duty free. FENNEL.—Spot, Indian, 52s. 6d. to 55s., duty free. Iran, 50s. to 53s., in bond. FENUGREEK.—Spot, Morocco, 21s. to 21s. 6d., duty paid, ex store London or Liverpool. MUSTARD.—Spot, fair quality, 58s. to 62s., and prime quality, 63s. to 66s.

SENEGA.—Spot continues to be priced at about 3s. 6d. per lb. September shipment is quoted at about 3s. 3d. per lb., c.i.f.

SENNA.—Values for all descriptions steady, with business rather slow. Best pale hand-picked Tinnevely pods quoted at 10½d. per lb., with darker grades at between 6½d. and 7½d.; f.a.q., 5½d. per lb. for leaves, about 8½d. for No. 1, 5½d. for No. 2, and 4½d. for No. 3. Hand-picked Alexandrian continue in short supply and values are nominal.

SHELLAC.—Standard TN orange nominal on the spot at 80s. per cwt.; pure button, 102s. 6d.; fine orange, 105s. to 150s. per cwt.

TAMARINDS.—West Indian is quoted at about 38s. per cwt., ex store.

TRAGACANTH.—Market quiet, values for all grades of gum unchanged. Finest selected white ribbon, £90; No. 1, white, £85; No. 2, white, £65; No. 3, white, £50; pale leaf, £30; amber leaf, £22; red leaf, from £10 10s.; woody and hoggy, from £5. Prices are per cwt., ex store.

TURMERIC.—Spot, Madras and Rajapore fingers, quoted at 45s.; no business reported at this figure.

WAXES.—BEES'.—Values for all descriptions are unchanged; market quiet. Spot, from 167s. 6d.; in bond, 155s.; shipment, Dar-es-Salaam, 155s. per cwt., c.i.f.; Japanese, first three brands, spot, 120s., duty paid; 110s. in bond; shipment, 110s., c.i.f. CARNAUBA.—Fatty, grey, 340s.; chalky grey, spot, 330s.; Primeira, spot, 450s.

Essential and Expressed Oils, etc.

REPORTS indicate that a modest spot business has been done, with conditions quite steady. Some business is announced in small lots of anise (star). Bois de rose continues firm for the limited supplies available. Rhodesian orange is quoted firmer on spot.

ALMOND.—Steady, with business in small quantities. Expressed, about 3s. 8d. to 3s. 11d. per lb., in cwt. lots; smaller quantities, up to about 4s. 3d. per lb., ex store. Genuine French bitter is quoted at about 14s. 6d. to 15s. 6d. per lb., ex store.

ANISE (STAR).—Business reported in small lots; values fully steady. Spot, tins in cases, about 4s. 9d.; drums, about 4s. 7d. per lb., ex store. No shipment offers from origin.

AVOCADO PEAR.—Quotations unchanged; market fully steady. Spot is worth about 55s. to 57s. per gall., delivered, with smaller quantities at higher prices.

BAY.—Spot values are well maintained at about 5s. 6d. to 6s. per lb., ex store, according to quality.

BERGAMOT.—Spot values continue nominal, and prices would have to be negotiated between buyer and seller. British makers are offering artificial products at attractive prices.

BOIS DE ROSE.—Continues firm for limited spot supplies. Spot, between 10s. 6d. and 11s. per lb. Shipment, about 9s. to 9s. 3d. per lb., c.i.f., in drums.

CASSIA.—Quiet demand, values firm. Spot, if available, would be worth about 6s. 6d. to 6s. 9d. per lb. No shipment offers.

CITRONELLA.—A fair demand for the Ceylon oil, values steady. Ceylon, spot, 2s. 4d. to 2s. 6d. per lb., in drums; small quantities, up to 3s. per lb.; shipment, about 1s. 6½d. per lb. Java, spot, from 2s. 6d. to 3s. per lb.; shipment, about 1s. 9d. per lb., c.i.f.

Exports of citronella oil from Ceylon during April amounted to 76,700 lb., valued at Rs. 79,100, compared with 92,900 lb., valued at Rs. 75,300 in the corresponding month of the previous year. Compared with March, 1940, the April figures show an increase of 26,400 lb. and Rs. 28,500.

CLOVE.—Madagascar continues steady at about 5s. 6d. upwards per lb., in drums, if available. English, quoted at from 6s. 9d. to 7s. 3d. per lb., as to quantity.

EUCALYPTUS.—Firm on a dull market. 70 to 75 per cent. oil continues to be quoted at about 4s. to 4s. 6d. per lb., according to holder; shipment prices are nominal at about 3s. per lb., c.i.f. Fair supplies are due to come forward.

GERANIUM.—Spot supplies of Bourbon and Algerian oils are now quoted at about 35s. to 42s. per lb., for any good-quality oil available. There are no shipment offers.

GRAPEFRUIT.—Genuine Californian oil would be worth about 12s. 6d. per lb. Genuine Florida is quoted at in the region of 11s. 6d. per lb.

LEMON.—No quotations are available for this oil, and values of hand-pressed would have to be negotiated. Californian distilled is quoted at about 10s. per lb., nominal. There are no shipment prices available for cold-pressed. British makers are offering artificial substitutes at attractive prices.

LEMONGRASS.—Spot is quoted at about 4s. to 4s. 6d. per lb.; shipment, up to about 3s. per lb., c.i.f.

LIME.—Genuine West Indian continues to be quoted at about 30s. per lb., with other qualities at lower prices.

LINSEED.—The controlled price for large bulk quantities of crude, naked ex works, is unchanged at the recent reduction to £44 per ton. Distributors' prices for ordinary quantities of crude or boiled, packed and carriage paid, would be at higher figures.

NEROLI.—Pure French oil would be worth about 80s. per oz. British makers are offering artificial substitutes at attractive prices.

OLIVE.—The Ministry of Food controlled price paid by importers for large bulk quantities in 50-gall. drums is unchanged. Distributors' prices for a few gallons, packed in gallon tins, carriage paid, now range from 12s. 6d. to 13s. 6d. per gall., according to quantity.

ORANGE.—A limited volume of business is passing, with spot prices for good oil well maintained. French Guinea oil, about 6s. to 6s. 6d. per lb., according to quantity. Rhodesian oil is quoted firmer at about 10s. per lb. for available stocks. Californian is quoted in sterling at 4s. 10d. per lb., in small drums, ex store, duty paid, limited supplies only being available. Shipment can be effected by transit overland to New York at an extra charge of five cents per lb.

OTTO OF ROSE.—Bulgarian on spot would be worth about 60s. to 70s. per oz.

PALMAROSA.—Firm and unchanged. Spot, approximately 12s. 6d. per lb., ex store; shipment is now up to about 11s. per lb., c.i.f.

PEPPERMINT.—The Japanese oil has been in fair demand. Spot is valued at about 10s. per lb., with little available. Chinese, spot, about 7s. per lb. Several parcels afloat are quoted at 6s. 6d. per lb., c.i.f.; shipment, September–October, 6s. per lb., c.i.f. American natural oil, steady at 14s. 3d., in drums, and 14s. 7d., in tins in cases, c.i.f. Spot, steady at about 16s. per lb., ex store.

PETITGRAIN.—Spot continues to be well held for about 11s. 6d. to 12s. 6d. per lb., nominal. Shipment offers are extremely difficult to obtain.

ROSEMARY.—About 5s. 6d. per lb. would represent the current spot value for Spanish oil; most offers for shipment are now in the region of 4s. 9d. per lb., c.i.f.

SANDALWOOD.—Genuine East Indian Mysore, in one-case lots, 19s. per lb. East Indian, produced outside the province of Mysore, 18s. per lb. for bulk quantities. English-made West Indian, 15s. per lb.; Australian, one-case lots, 16s., and five-cwt. lots, 15s. 6d. per lb.

SPIKE.—Between 11s. and 12s. per lb. is the price now quoted for good-quality Spanish oil, ex store; shipment, approximately 10s. 6d. per lb., c.i.f.

VETIVER.—Bourbon oil is now quoted on spot at about 40s. per lb., and Java at about 35s. per lb., ex store.

WORMSEED.—Steady and unchanged. Spot is worth approximately 24s. 6d. per lb.; shipment, in the region of 23s. per lb., c.i.f.

ZANZIBAR CLOVE INDUSTRY

The report of the Clove Growers' Association, Zanzibar, for the quarter ended June 30 records the supplies and exports of cloves during the quarter as being:—

Supplies: Zanzibar produce, 178,859 lb.; Pemba produce, 929,853 lb. Exports: To all destinations, 5,318,609 lb.

Of the total supplies, 956,879 lb. passed through the Zanzibar market and 151,833 lb. through the Association's dépôt. Destinations and quantities exported during the quarter were:—

	Bales	lb.
Dutch East Indies	24,062	3,368,750
Bombay and Indian ports ..	3,699	517,815
America, North-South	7,715	1,080,112
United Kingdom and Continent ..	1,173	164,180
Straits Settlements	159	22,225
All other destinations	1,182	165,527

In terms of standard bales (140 lb. net) supplies were 7,919, exports 37,990. Of the total exports the Association supplied 2,662,446 lb., or a little more than 50 per cent. of the total.

Clove Stems and Oils.—Supplies during the quarter were 413,419 lb. The distillery absorbed 1,352,836 lb., requirements in excess of supplies being taken from stocks of the Association. Exports of oil were 89,673 lb. The price for commercial-quality stems remained unchanged at Shs. 6-50 per 100 lb.

POINTS FROM LETTERS

Raid Warnings and Shop Closings

A matter which will have to be regulated is the closing of shops in the daytime during a warning. As soon as the sirens are heard, customers are turned out and the shops are closed, although there may be no immediate danger in the particular area, and the raid may pass without the enemy being near that spot. On the other hand, when hostile aircraft are over a frequented shopping thoroughfare, turning customers out of the shops means there must be a large number of persons on the pavements in the open street at the worst possible moment, and a rush is made to the nearest shelter, with the result that many cannot find cover as the local shelters soon have their full complement.—*Siren* (7/9).

Chemists and Air Raid Precautions

It would seem that the Peterborough Chemists' Association (*C. & D.*, Aug. 31, p. 122 and Sept. 7, p. 129) have effectively solved the problem of the chemist's position in the A.R.P. service. At the outset pharmacists were told they should remain at their ordinary duties. Later it was stated that casualties should not be treated at pharmacies. Yet all the time pharmacists have felt that their special training might be utilised in some way, especially as many of them have first-aid certificates in addition to their knowledge of drugs and dressings, and all of them have had practical experience in the dressing of minor injuries in their daily work. Further, the inherent custom of the public to run to the chemist's shop for help of this kind made it certain they would be expected to provide some service after air raids, and the method established by the Peterborough chemists could well be extended to other towns.—*Ambo* (9/9).

Tax on Medicines

It has been promised that an attempt will be made to come to some arrangement about Medicine Stamp Duty (*C. & D.*, August 24, p. 99), but if this should be abolished in order to equalise the incidence of the Purchase Tax, there still remains the problem of the retail selling price. Manufacturers who have destamped their products have retained the selling price at 1s. 3d., whether their proprietaries are issued stamped or unstamped, but if the Medicine Stamp Duty is abolished it is obvious that the face value becomes 1s., following the rule that goods to the value of 1s. shall bear a threepenny stamp, and with the Purchase Tax the selling price would be 1s. 2d. Unless this is made compulsory the manufacturers may decide to adhere to the retail price of 1s. 3d., and then the Purchase Tax will be 2½d., and the selling price becomes 1s. 5½d. Again, if the Purchase Tax is applied to all drugs, except those listed, and is collected between the wholesaler and the retailer, presumably it will apply to those drugs which the chemist uses for dispensing Insurance prescriptions. If this is so, it will raise the cost to the Drug Fund, a case of the State taxing its own expenditure.—*Purtax* (24/8).

MISCELLANEOUS INQUIRIES

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

Blackhead Lotion.—*C. H. B.* (3/9).—The following is a representative formula for this type of preparation:—

Liquid extract of quillaia	3ij.
Eau de Cologne	3j.
Solution of ammonia	3ss.
Distilled water	to 3xxiv.

Books on Milk Analysis.—*F. M. M.* (9/9).—The following would probably cover the subject from a general point of view: Cox's "Chemical Analysis of Foods," 21s.; Sutherland Thomson's "Testing Milk and its Products," 4s.; Teucky and Tracey's "Testing and Manufacture of Dairy Products," 8s. 6d.

Eye Lotion for Dogs.—*P. M.* (9/9).—The following will probably be suitable for your particular purpose:—

Boric acid	80 gr.
Tannic acid	12 gr.
Boiling distilled water	3 oz.
Dissolve, strain, and add camphor water to ..	6 oz.

To be applied three times a day, after cleaning with warm water that has previously been boiled.

Geneva Cross.—*P. D.* (6/8).—The Geneva Convention prohibits the use of the red cross symbol on a white ground for commercial purposes and also "any colourable imitation of it." The latter phrase is taken to cover a white cross on a red background, which in any case is the national emblem of Switzerland, but in exceptional circumstances permission to use this symbol is granted by the Board of Trade, and application for permission to use it should be made to the Assistant Secretary, Industrial and Manufacturing Department, Board of Trade, London.

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AMRITSAR, INDIA



Cephos
See-foss REGD
THE PHYSICIANS' REMEDY

KEEPS TRADE MOVING

Its reputation as a safe and effective remedy for the more prevalent ailments is widely known. Cephos enjoys a steady demand throughout the year and good profits are assured those retailers who display it.

CEPHOS LTD., BLACKBURN

SPECIALISTS

for over 40 years
in the Manufacture of:—

TABLETS & PILLS

LOZENGES, SUPPOSITORIES
GENERAL PHARMACEUTICAL
PREPARATIONS

- Packed under your own Brand if desired

- EXPORT ENQUIRIES INVITED

MATTHEWS & WILSON

LIMITED

ESTABLISHED 1894

6 and 8 Cole Street, London, S.E.1

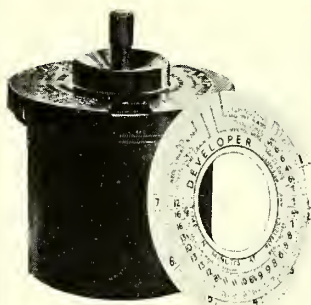
'Phone: HOP 2147-8

'Grams: Pilleolum, Sedist, London

“REPEAT” SALES
are certain with

Johnsons TANKS and CHEMICALS

Thousands of photographers own a Johnsons Adjustable Tank. Most of them will now want to buy the specially designed Time and Temperature



Calculator just introduced for this Tank, which ensures precision developing. On it are given development times for all popular films and for the four most popular developers, at 65° and 70°. The Calculator also carries useful conversion tables and other data. Engraved on strong ivorine discs which fit the lid of the Tank. Time and Temperature Calculator Discs, per

pair 2/6
Johnsons Adjustable Tank 17/6

JOHNSONS 35-mm. TANK takes full 36-exp. 35-mm. film. Holds 16 oz. of solution. Complete with Time and Temperature Calculator 22/6

JOHNSONS MERITOL is the vital ingredient in fine grain developers. Discovered by Johnsons. Ensures perfectly fine grain. Meritol-Metol and M.C.M. 100 are two highly successful developers incorporating Meritol.

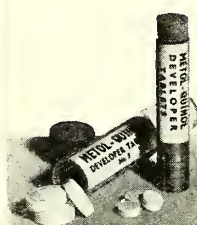


JOHNSONS TABLETS are Photographic Chemicals in the most compact form. Packed in air-tight glass tubes.

AMIDOL. M-Q. VEDOL. PYRO-METOL. PYRO-SODA Developers. Per 1/6 Carton.

BLUE, GREEN, RED, SEPIA Tonings. Per 2/- Carton.

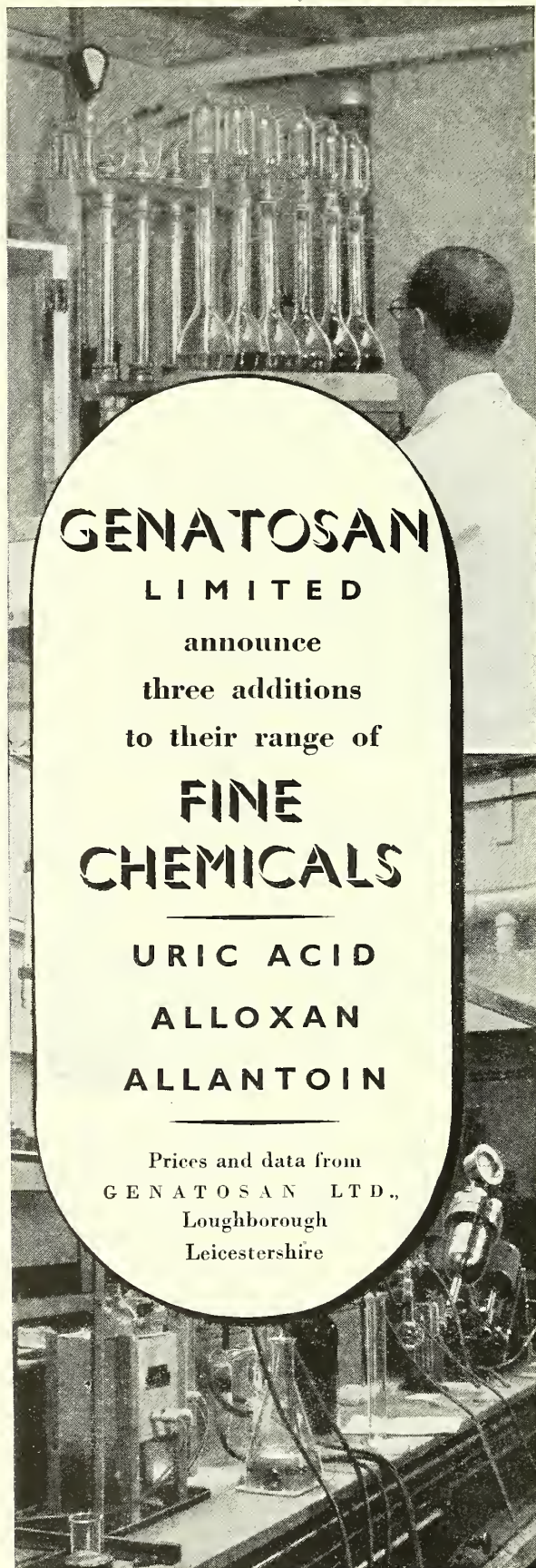
REDUCERS and INTENSIFIERS. Per 1/- Carton.



JOHNSONS DEVELOPER PACKETS are convenient and economical. Cost but a few pence each. Those available include: AMIDOL, GASLIGHT, M.-Q., CHLORQUINOL, HYDROQUINONE, PYRO-METOL, PYRO-SODA.

Ask Johnsons to send you full details of all the above products. They all mean “repeat” business

JOHNSON & SONS Manufacturing Chemists Ltd., HENDON, N.W.4



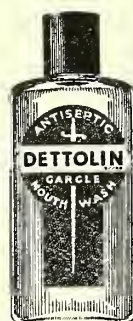
GENATOSAN
LIMITED
announce
three additions
to their range of
**FINE
CHEMICALS**
URIC ACID
ALLOXAN
ALLANTOIN

Prices and data from
GENATOSAN LTD.,
Loughborough
Leicestershire

"Something nice... for the children"

'Dettolin' gargle and mouthwash has a great advantage. In spite of its high germicidal efficiency it is very agreeable to use. 'Dettolin' contains among other ingredients the active germicidal principle of 'Dettol'—the modern antiseptic.

'Dettolin' can be recommended with confidence for conditions of the mouth and throat: it is gentle on mucous membranes.



'Dettolin' is packed in attractive bottles. Prices 9d. and 1/3.

FORMULA: Dimethyl Chlor
Phenyl Hydrate 1.02%, Menthol
0.12%, Sapo Vegetalis 0.5%,
Tinct. Rosae Aromatica 64.9%,
Elixir Glusidi B.P.C. 6.0%,
Aqua dest. ad. 100 vols.

'DETTOLIN' BRAND Gargle and Mouthwash

BECKITT AND SONS, HULL AND LONDON.
(PHARMACEUTICAL DEPARTMENT, HULL)



To the Country People of Britain

YOU have a great duty—the duty of keeping the roads free for our troops, no matter what happens.

Should parachutists land, or should enemy forces push inland from our coasts, some less-brave people may be tempted to flee from threatened villages and towns.

Don't do it. Stay where you are. This is not just advice, it is an order from the Government. The greatest harm any man or woman could do to Britain at such a time would be to clutter up the

roads, and so hinder our own troops advancing to drive the enemy out.

In France refugees crowding the roads made it impossible for the army to bring up reinforcements. So France was lost!

This must not happen here. Remember, you will be far safer from bombing and machine-gunning downstairs in your own home than you would be on the open roads.

Remember, too, the Home Guard will be defending your village, and the Army will be defending your country. They need the roads.

...that's why you must **STAY PUT**

Issued by the Ministry of Information.

Space presented to the nation by H. R. Napp Limited

R511

STEADY ADVERTISING

Brings STEADY SALES



ADVERTISEMENTS for D.D.D. Prescription appear regularly, in national and in provincial papers, in daily, weekly and monthly publications, throughout the country and throughout the Empire. In bad times as well as in good, advertisements appear consistently, bringing you steady sales all the year round.

Keep your stock of D.D.D. Products up to the mark, and take advantage of our advertising campaign. Attractive showcards are supplied free on request.

PRICE LIST

D.D.D. Brand Prescription (Small Bottle)	1s. 3d.	D.D.D. Soap (per Tablet)	1s. 0d.
" " " (Medium Size)	3s. 0d.	D.D.D. Vanishing Cream (Large Jar)	1s. 6d.
" " " (Large Bottle)	5s. 0d.	D.D.D. Cold Cream (Large Jar)	1s. 6d.
" " " (Extra Strong), per Bottle	3s. and 5s.	D.D.D. Talcum Powder (per Box)	1s. 6d.
Less usual Discounts			

D.D.D. COMPANY LTD.
3 FLEET LANE, LONDON, E.C.4. Tel. CENTRAL 7185

WAXES

CERESINE WAX

ALL GRADES AND
COLOURS

OZOKERITE

WHITE YELLOW
CRUDE

BEE SWAX

WHITE AND
YELLOW

AND SPECIALLY PREPARED WAXES

HOLROYD'S
OIL & CERESINE Co. Ltd.

3 NEW LONDON STREET, LONDON, E.C.3
Telephone: ROYAL 5126/27. Telegrams: "ERRIKOLROY FEN LONDON"

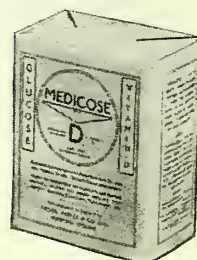
MEDICOSE D

A new preparation of Pure Medicinal Glucose with Vitamin D and Calcium Glycerophosphate. It is especially useful for expectant and nursing mothers, and for Debility, Overstrain, Malnutrition

WRITE FOR PRICES

**BROOK,
PARKER & CO. LTD.**

7, 11 ASHFIELD . HORTON ROAD . BRADFORD



Keen Buyers Buy

KAY
BRAND
LINSEED
COMPOUND

in lots of
20/-
(display
optional)
or **50/-**
(display
terms)

Consult your Wholesaler's Price List and
See What You Save

There will always be an insistent demand for **SHERLEY'S** **DOG PREPARATIONS**



Despite the abnormal conditions prevailing, there will always be an insistent demand for Sherley's Dog Preparations as they are recognised by Owners everywhere as the True Standard of Excellence. It would therefore be wise to stock your shelves to capacity so as not to run the risk of disappointing regular customers. We, on our part, will continue to support retailers to the utmost, and maintain the fullest supplies possible.

STOCK YOUR SHELVES with Sherley's Tonic and Condition Powders
Sherley's Worm Medicines Sherley's Aperient Powders
Sherley's Skincare Sherley's Canker Lotion and Powder Sherley's
Fit Tablets Sherley's Veterinary Ointment Sherley's Formalin
Soap Lactol Lactol Biscuits Sherley's Dog and Cat Books

FREE DISPLAY MATERIAL. Bold, attractive Display Cards for counter and window are supplied to all Sherley stockists, free and post free.

A. F. SHERLEY & CO. LTD., Marshalsea Road, London, S.E.1.

EXTRA DISCOUNT

In addition to our already generous terms, which include discounts of $2\frac{1}{2}$ per cent. and 5 per cent. for window display and provide a very high rate of profit for the Trade, we are now offering an extra $2\frac{1}{2}$ per cent. settlement discount for cash within thirty days of the date of invoice.



INCREASE YOUR ROZALEX

SALES
By showing this
Attractive Counter
Display
KEEPS HANDS CLEAN
KEEPS HANDS HEALTHY

Display Cartons of
1 dozen 6d. Tubes
Display Cartons of
1 dozen 1/- Tubes
Household size 2/6
Discount $33\frac{1}{3}\%$

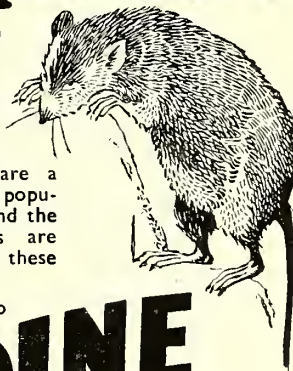
Show Matter and Literature Supplied

ROZALEX LTD.

Yorkshire House, Cross Street, Manchester, 2

Of National ★ Importance

THE DESTRUCTION
of RATS
IN WAR TIME



In Time of war RATS are a grave danger to the whole population, military and civil, and the most energetic measures are needed to keep down these disease carrying pests.

Rodine is a profitable line to keep in stock.

RODINE

always in demand

Stock
both kinds

T. Harley Ltd.
Perth
Scotland

RODINE PHOSPHORUS AND
RODINE RED SQUILL (The Safe
domestic brand)

Ergoapiol-(Smith)

REG. U. S. PAT. OFF. & FOREIGN COUNTRIES

CONSTANT prescription demand is assured by our continuous and extensive advertising campaign. ERGOAPIOL should be maintained at all times. An adequate stock of ERGOAPIOL of twenty capsules each. Supplied only in packages of the ethical pharmacist, the physician and our product, the initials "MHS" are embossed on the inner surface of each capsule, visible only when capsule is cut in half at seam as shown.

MARTIN H. SMITH COMPANY
NEW YORK, N.Y., U.S.A.

THOS. CHRISTY & CO., 4, OLD SWAN LANE, LONDON, E. C. 4
Agents for Great Britain and Ireland

The Undisputed Sales Leader in the Asthma Tablet Field!

Dō-Dō



An irresistible combination—the highest medicinal quality and quantity coupled with the lowest possible price—has firmly established Dō-Dō Asthma Tablets in the premier sales position. ¶ Any comparison of formulae you may care to make will convince you that in Dō-Dō you have the Asthma Tablet which merits your professional commendation. ¶ No small measure of Dō-Dō's striking success is due to the fact that from the outset it has enjoyed the confidence and support of pharmacists and chemists. ¶ Sustained National Advertising is being done, and there is no advance in the pre-war prices of 1s. (7 tablets), 3s. (30 tablets), and 10s. 6d. (120 tablets).

INTERNATIONAL LABORATORIES LTD.
1-3 SMEDLEY STREET, LONDON, S.W.8

Telephone : MACauley 5101



TAXOL

BRAND TABLETS

THE PHYSIOLOGICAL TREATMENT OF CONSTIPATION

Now available in six-colour Display
Outers containing one dozen bottles

★

CONTINUOUS MEDICAL PROPAGANDA
ENSURES
REGULAR DEMAND

★

PATA PRICES

3/- (50 tabs.) and 25/- (500 tabs.)

CONTINENTAL LABORATORIES LTD., BRUNEL RD., EAST ACTON, LONDON, W.3.
TELEGRAMS - TAXOLABS PHONE, LONDON TELEPHONE - SHEP BUSH 3431 - 3432

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

SEPT. 14
1940

28 ESSEX STREET, LONDON, W.C. 2

TARIFF for CLASSIFIED ADVERTISEMENTS

All advertisements in this supplement must be prepaid

AGENCIES,
GOODS FOR SALE,
PARTNERSHIPS,
PATENTS,
PREMISES TO LET,
FOR SALE or WANTED

7/6 for 36 words or less,
2d. for every additional
word.

SITUATIONS
WANTED 2/6 for 18 words or less, 1d.
for every additional word.

LEGAL NOTICES,
SALE BY AUCTION,
TENDERS—AND ALL
SPECIALLY SPACED
ANNOUNCEMENTS

1/9 per nonpareil line.
(12 lines = 1 inch, single
column.)

BUSINESSES for
DISPOSAL
BUSINESSES WANTED
SITUATIONS OPEN

7/6 for 40 words or less,
2d. for every additional
word.

MISCELLANEOUS SECTION
(for Wholesalers, etc.),
for odd and second-hand
lots.

12/6 for 60 words or
less, 1/- for every addi-
tional 10 words or less.

BOX OFFICE NUMBER
1/- EXTRA
EXCHANGE COLUMN
(for Retailers, etc.) 2d. per word
minimum 3/-

Advertisements are accepted up to **FIRST POST THURSDAY MORNING** of Week of Issue.

Any received too late will be inserted the following week.

★ **SPECIAL NOTE. PLEASE MARK YOUR ENVELOPE "SMALL ADVERTISEMENT" AND ADDRESS TO**
THE CHEMIST & DRUGGIST, 28 ESSEX STREET, STRAND, LONDON, W.C.2

Tele: Central 6565 (10 lines) Grams: "Chemicus" Estrand, London

Emergency Address: The Chemist & Druggist, The Pitman Press, Bath

Tele.: Bath 5492

★ PRODUCT OF THE OXO LABORATORIES ★

"OXOID" BRAND

VITAMINS 'A' & 'D'

Each Capsule contains 7,000 I.U. of 'A' and 900 I.U. of 'D.'

**TO COMBAT THE
BLACK-OUT..**



Price **2/3**
per box of
25 capsules

Sold by Chemists

FOR RAPID ADAPTATION OF VISION IN
SEMI - DARKNESS. (Lancet, 1939, II. 1355.)

"OXOID" BRAND VITAMINS 'A' & 'D' CAPSULES
are also extensively prescribed for reducing suscepti-
bility to infections, and as a prophylactic against the
Common Cold

OXO LIMITED
THAMES HOUSE, LONDON, E.C.4

★ PRODUCT OF THE OXO LABORATORIES ★

LONDON COLLEGE OF PHARMACY

Founder: H. WOOTTON, B.Sc. C. W. GOSLING, Ph.C.
Principal: IRVINE G. RANKIN, B.Sc., Ph.C.

SPECIALISTS IN TRAINING PHARMACISTS

**NEXT SESSION will commence on Oct. 2nd for
9 Months Prelim. Scientific
9 Months Chemist and Druggist**

Benches now being reserved. 3 months' separate Revision (PS and C & D)

361 CLAPHAM ROAD, S.W.9 Telephone:
BRIXTON 2161

OPTICAL TUITION

FOR THE

S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations

Particulars:—

C.A. SCURR, F.S.M.O., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.

50th HIGH STREET, BARNET, LONDON, N.

BUSINESSES FOR DISPOSAL

FOR Disposal. Old-established Chemist, Wine and Spirit Merchant, in industrial town. Derbyshire. Turnover £3,200; premises had on lease. Rent £85 per year. Lock-up. Now under management. Could be made into good sound business by personal supervision. 343/1, Office of this Paper.

PREMISES TO LET

COMMANDING Offices with living accommodation to let. Reasonable terms. Brixton Road. Suitable Patent Medicine manufacturer. Apply Brixton 5121.

SMAALL Factory with living accommodation to let. 346 East Street, within 3 doors of Old Kent Road. Suitable Patent Medicine manufacturer. Apply Brixton 5121.

APARTMENTS

THE HAMPDEN RESIDENTIAL CLUB

A COMFORTABLE club for Gentlemen. Polygon Road, N.W.1, between King's Cross and Euston. 300 Bedrooms, 16s. 6d. to 24s. p.w., including bath and personal services. All meals à la carte. Large Club-rooms, Library, Billiards-room, Reading-room, and Study for students. Prospectus from Secretary, Euston, 2244.

AGENCIES

GENTLEMAN, late representative well-known firm for 17 years, is open to consider Agency for good-class Pharmaceutical or Toilet Specialities. Excellent connexion Midland area. Write CDB/165, Office of this Paper.

BUSINESS OPPORTUNITIES

WELL-EQUIPPED South African factory will undertake manufacture and/or marketing toilet preparations and soap. Reply to United Baltic Corporation, Ltd., 158 Fenchurch Street, London, E.C.3.

FOR SALE

CASH Register, modern National, suit quick trade, little used, reasonable. Write S. Jameson, 68 Westbourne Terrace, Paddington, W.2.

WANTED

PAPERVINE Hydrochloride or Sulphate wanted, large or small quantities. State quantity and price to Moore Medicinal Products, Ltd., Amersham, Bucks.

EDUCATIONAL

FOR Personal Practical Tuition and Correspondence Tuition in Optics and Sight Testing, etc. Apply: C. V. BOLTON, F.S.M.C., F.I.O., 49A LEIGH ROAD, LEIGH, LANCs. TEL.: 527.

SITUATIONS OPEN

RETAIL (HOME)

LADY, Qualified or with apprenticeship (indentured), required by firm of distributors in the West End of London, full or part time. Reply stating qualifications, salary, age, etc., PCB 346/36, Office of this Paper.

MANAGER, Qualified, able to take charge Central London pharmacy. Best Dispensing experience essential. Apply "A," 369/524, Office of this Paper.

WANTED immediately, Unqualified Assistant, male or female. Dispenser and Counter-hand. Age, experience and references in first letter. Apply, Relph, Chemist, Harlow, Essex.

WHOLESALE

A Provincial Firm of Manufacturing Chemists require the services of a First-class Galenical Process Worker. Apply, giving particulars of age and experience, to 369/523, Office of this Paper.

INVOICE Clerk required for London Wholesale Druggists. Write, stating experience, etc. 365/381, Office of this Paper.

OPPORTUNITY for registered men with fast growing organisation, calling on Chemists. Must be willing to live in any county required and do considerable travelling. No selling. Salary £5 per week to start with expenses paid. Good opportunity for advancement. Reply by letter only, with full details to E. Neville Browne, M.P.S., General Field Manager, A.C. Nielsen Company, Ltd., 109 St. Aldate's, Oxford.

SALES Representative required for disposal of general requirements to veterinary profession in South and South-west counties. Previous experience in this connexion preferred. Apply 368/496, Office of this Paper.

TABLET Maker and Sugar Coater wanted, for London Wholesale Druggists. 365/382, Office of this Paper.

TRAVELLERS required to sell contraceptives to chemists in all counties; high commission paid. Apply 333/3, Office of this Paper.

SITUATIONS WANTED

RETAIL (HOME)

PHARMACIST, with Ph.C. training; experienced high-class, middle-class, industrial, and extensive veterinary knowledge due to practical experience of farming, desires post as Manager or Assistant. 342/3, Office of this Paper.

LOCUMS SEEKING ENGAGEMENTS

PHARMACIST locum, free one week, 16-23 September. "Pharmacist," 12 Caldecote Gardens, Bushy Heath, Herts.

WHOLESALE

REPRESENTATIVE.—Qualified Druggist calling on wholesale Chemists and Druggists would represent in Eire firms who for duration of war are unable to send usual representative. Served in World War No. 1. 340/1, Office of this Paper.

MISCELLANEOUS

OVERALLS.—Pharmacists requiring new attire should write for new list showing latest styles and our unique offer. Free for a postcard. Ernest Draper & Co., Dept. "T," "All-British" Works, Northampton.

SECOND-HAND Microscopes. A large selection; instruments for all purposes; best makers, faultless condition. 2d. stamp for list. Chards, Specialists, Forest Hill, London, S.E.23.

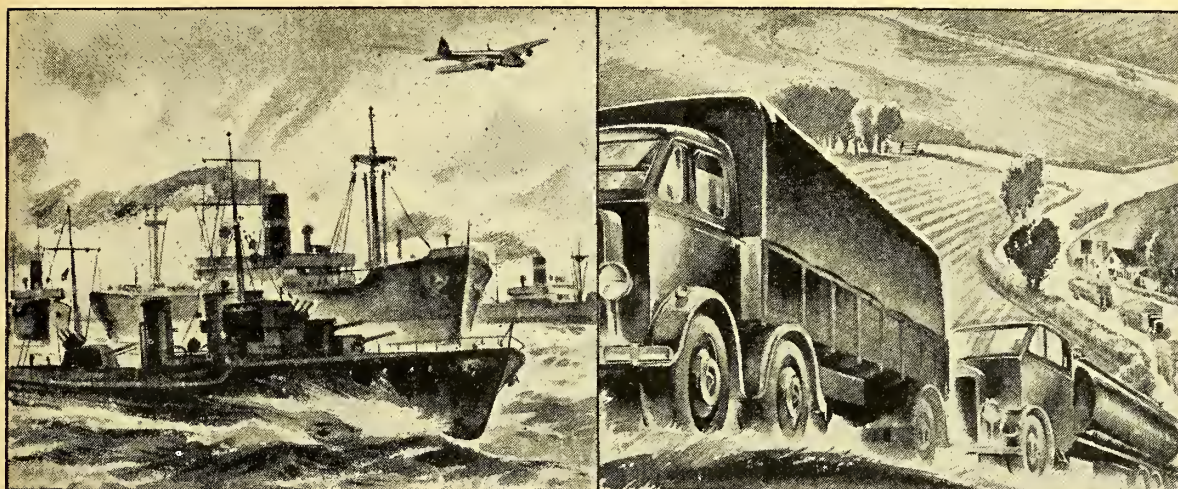
AN URGENT REMINDER

Press date for Supplement advertisements is still first post **THURSDAY** mornings in London, but as Rail and Postal deliveries are unreliable in these uncertain times, advertisers are asked to assist by sending classified advertisements as early as possible each week, otherwise inclusion cannot be guaranteed.

Advertisements arriving late will be inserted the following week.

SEND YOUR INSTRUCTIONS IN AMPLE TIME TO

**The Chemist and Druggist, 28 Essex Street,
Strand, London, W.C.2.**



WE'VE LEARNED OUR LESSON

Everything imported needs ship space—needs the protection of the Navy, the devotion of the Merchant Service—needs paying for in foreign currency.

In the last Great War these inevitable truths were stamped on every manifest for Chemicals . . . for in 1914 many branches of our Chemical Industry were completely undeveloped.

We've learned our lesson. Today, Britain makes, in quantities approaching her huge wartime needs, Phenol, Cresols, Phthalic Anhydride, Plasticizers, and many similar products. There is no need to risk the lives of seamen, to take up cargo space, to spend currency in importing these Industrial Chemicals. Monsanto convoys travel British roads—lorry loads of British goods . . . for British consumers.



MONSANTO CHEMICALS LIMITED

RUABON, NR. WREXHAM, N. WALES

Telephone Ruabon 3191

Emergency Office: Whitemeads, Hatch End, Middlesex

Telephone: Hatch End 1549



ZEAL

CLINICALS
BRITISH MADE

THE CHOICE
OF
EXPERTS

NO HIGHER
IN PRICE
THAN
NONDESCRIPT
MAKES

Also Household, Bath
and Works Thermometers,
the best of
their kind.

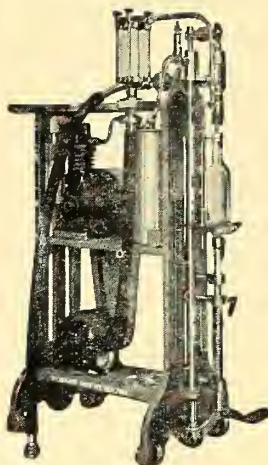


G.H. ZEAL LTD
LOMBARD RD.
MORDEN RD.
LONDON S.W. 19

ZEAL
LIBERTY
2283-4-5

ROBERTS' PATENT

"LEO" VACUUM FILLER



for Glass, Stone,
and Tin Bottles.
Fills all sizes from
drachm to quart—
long, short or
sprinkler neck.

Clean and Rapid
No Over Filling
Broken Bottles
Rejected
Easy to Clean
Self Rinsing

WRITE FOR
PARTICULARS

Roberts' Patent Filling Machine

Company Limited
BOLTON, LANCASHIRE

Makers of every description of Bottle Filling and Shallow
Jar and Tin Filling Machine for the Chemists' use

ALL RIGHTS RESERVED

WE SPECIALIZE IN
THE MANUFACTURE OF

GALLIC ACID-PYROGALLIC ACID

PURE & TECHNICAL

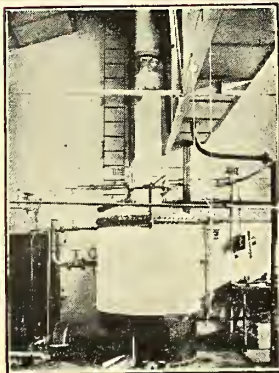
RESUBLIMED, PURE CRYSTAL & TECHNICAL

WHOLESALE & EXPORT ONLY. Enquiries Invited

J. L. ROSE, LIMITED, ABBEY ROAD, BARKING, ESSEX

TELEPHONE: RIPPLEWAY 2763

TELEGRAMS: "GALLIC, BARKING."



BURNSIDE'S EUCALYPTUS OILS

Distilled in Australia by the largest distillers and refiners of Eucalyptus
Oils in the world—W. K. BURNSIDE, PTY., LTD., MELBOURNE, AUSTRALIA.

80/85% B.P.
Oil Euc. Dives 40/45%
Oil Euc. Citriodora

70/75% B.P.
Piperitone 90/95%
Oil Euc. Phellandra

Phellandrene

UNIFORMITY OF QUALITY • CONSISTENCY OF ODOUR

Agents for U.K. : **WILSON & MANSFIELD LTD.**
15 Philpot Lane, London, E.C.3
(WHOLESALE ONLY)

'Phone : MANSION HOUSE 9264-5-6
'Grams : WYFIELD, LONDON

